



ascolite[™]

WATERPROOFING SYSTEMS

PRODUCT BROCHURE

EVERY
SURFACE,
**PERFECTLY
SEALED**



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Ascon Group of Developers

The Ascon Group of Developers is a prestigious business group based in Surat, Gujarat, with a rich legacy of over 40 years of excellence. Renowned for its leadership across multiple sectors, the group's diversified expertise spans across construction, manufacturing and trading, positioning it as a powerhouse in key industries. Ascon's unwavering commitment to innovation, quality, and sustainability has solidified its reputation as a driving force in both regional and national markets.



Ascon Realty

Since 1995



Ascolite

Since 2012

ABOUT ASCOLITE



We are at the forefront of revolutionizing the industry with our cutting-edge construction material solutions. For over a decade, with multi-location manufacturing facilities and sales branches across multiple states, we have been the trusted partner for builders, engineers, architects and PMC.

From walling solutions, waterproofing systems, and tile/stone installation solutions to construction chemicals and more, our products set new benchmarks in performance and reliability. At Ascolite, we're not just building structures; we're building a legacy of excellence and sustainability in construction chemistry.

CORE IDEOLOGY



Core Purpose

To encourage and ensure a paradigm shift in delivering trendsetting experiences.

Mission Statement

To deliver contemporary construction solutions backed by expertise, based on novel market needs.

Core Values

- Quest to learn
- Integrity
- Energetic
- Eye for detail
- Making a difference

PRODUCT RANGE

We blend innovation with expertise to deliver superior solutions. Our advanced facility is designed to meet the diverse needs of our customers, ensuring precision, efficiency, and quality in every product. With a commitment to excellence and sustainability, we strive to set new standards in the industry.



**WALLING
SOLUTIONS**



**WATERPROOFING
SYSTEMS**



**TILE & STONE
INSTALLATION**



**STRUCTURAL REPAIRS,
SEALANTS & GROUTS**



**PROTECTIVE
COATINGS**

CUSTOMERS



Residential



Commercial



Institutions



Industrial



Govt. Undertakings



450+
Distributors



4000+
Retail Partners



3500+
Projects



300+
Developers



2000+
Influencers

ASCOLITE ADVANTAGE



**Production
Capacity**

4.25 L m³ (P. A.)
AA Fly Ash Blocks
4 L ton (P. A.)
Construction Chemicals



**State of the
art R&D Lab**

40,000+
Yearly R&D hours



**Quality Certified
Products**

1500+
Product quality tests



**Innovative
Product Range**

100+
Cutting-edge products



**Technical
Assistance**

5500+
Training hours



**Logistic
Support**

20,000+
Yearly dispatches

INTRODUCTION TO WATERPROOFING SYSTEMS

Waterproofing systems are the steadfast guardians against water damage, ensuring your structures endure with enhanced durability, comfort & longevity. Whether for homes, offices, or industrial spaces, these systems offer formidable protection, preventing costly repairs and preserving structural integrity. Ascolite's advanced solutions are designed for every surface, leveraging innovative technology & unparalleled performance to provide peace of mind. A well-conceived waterproofing system considers factors like substrate type, application area, exposure & long-term impact. For comprehensive recommendations, consult our technical team and refer to our Technical Data Sheet (TDS). Critical areas for designing & installing waterproofing systems include:



Basements

Basements constantly face challenges like rising groundwater levels, hydrostatic pressure & soil-borne gases, making them prone to water seepage & structural damage.

Underlying Problems

• Hydrostatic Pressure • Cracks in Concrete • Faulty Construction Joints • Chemical Exposure • Soil Settlement • Negative Side waterproofing • Moisture Movement

Our Recommended Solutions

Ascoseal CL II based waterproofing system is designed for basements & submerged structures, offering exceptional resistance to both negative & positive water pressure. It features self-curing & self-healing properties, an impermeable waterproof coating & non-toxic attributes.



Wet Areas

Wet areas like bathrooms are exposed to constant water contact, leading to potential leaks, moisture buildup & structural damage, making waterproofing essential for durability & safety.

Underlying Problems

• Constant Water Exposure • Moisture Buildup • Cracks & Gaps • Chemical Resistance • Drainage Issues • Durability

Our Recommended Solutions

Ascoflex II based waterproofing system is a flexible cementitious membrane offering excellent adhesion, high crack-bridging ability, durable performance & excellent elongation properties. It is specifically designed for moisture-prone areas, including bathrooms, swimming pools, water tanks & both sunken & non-sunken portions.



Terraces

Terraces face constant exposure to weather changes, temperature shifts, heavy rains & regular use, leading to cracks, seepage, water pooling & long-term damage.

Underlying Problems

• Continuous exposure to harsh weather • Cracks due to temperature changes • Water seepage & leakage • Pooling of water on the surface • Deterioration of surface finishes • Structural weakening over time

Our Recommended Solutions

ASCOSHIELD PU+ based waterproofing system is a hybrid PU membrane for terrace applications, providing surface heat reflection, ultimate waterproofing, crack-bridging & anti-root protection. The complete system includes Taperoll for coverings, Pipecollar for pipe joints & core cuttings. This ensures long-lasting protection.



Podiums

Podiums are vulnerable to rain, humidity & temperature fluctuations, leading to water penetration, cracks, & seepage. Without adequate waterproofing, these challenges can cause concrete damage & compromise structural integrity.

Underlying Problems

- Rain Exposure • Humidity • Temperature Fluctuations • Water Penetration • Cracking • Seepage
- Concrete Deterioration • Vibration • Vehicular Traffic

Our Recommended Solutions

Ascoflex Super based system is a liquid-applied elastomeric membrane offering superior waterproofing, crack-bridging & anti-root protection. Designed for podiums, balconies & commercial box gutters, it integrates **Ascotex GM**, a geotextile reinforcing membrane, placed in between the coats to enhance strength & ensure long-lasting performance



Swimming Pool

Swimming pools face challenges like seepage, cracks, and structural wear due to the porous nature of concrete. Without proper waterproofing, issues like leaks, hydrostatic pressure & deterioration can compromise their integrity.

Underlying Problems

- Constant Hydrostatic Pressure • Seepage • Cracks • Structural Failure • Leaks • Erosion

Our Recommended Solutions

Ascoflex II based waterproofing system for swimming pools combines the flexibility & durability of **Ascoflex II** with the added strength of **Ascoglass FR** (glass fiber mesh) as a sandwich membrane. This innovative system delivers exceptional waterproofing, superior crack-bridging & long-lasting protection, making it an ideal solution for wet area applications.



Water Tanks

Water tanks are prone to seepage, contamination & structural damage from hydrostatic pressure & mineral buildup. Without adequate protection, these challenges can undermine water quality & tank stability.

Underlying Problems

- Mineral Buildup • Tank Integrity • Structural Damage • Contamination • Seepage • Hydrostatic Pressure

Our Recommended Solutions

Ascopoxy TL 100 based coating system integrates **Ascoprime EP 100 / Ascopoxy DPC** as a primer with **Ascopoxy TL 100**, a food-grade, solvent-free epoxy tank liner coating. This comprehensive coating solution provides a robust waterproof barrier, exceptional chemical resistance, low odor, low VOC & durable protection for potable water tanks



Exterior Walls

Exterior walls are exposed to harsh weather, leading to moisture seepage, mold & deterioration. Without proper waterproofing, these challenges can result in structural damage, peeling & costly repairs.

Underlying Problems

- Harsh Weather Conditions • Structural Damage • Mold growth • Discoloration • Cracking • Moisture Seepage • Acid rain • Root Intrusion

Our Recommended Solutions

Ascoguard based exterior wall waterproofing system is a liquid-applied elastomeric acrylic coating that provides seamless protection against water, UV rays, alkalis & fungal growth. Ideal for plastered walls, stone, cement renders & asbestos boards, it ensures long-lasting durability & weather resistance.

ASCOPROOF® IW+

Integral Liquid Waterproofing Compound For Concrete, Mortar & Renders

ASCOPROOF® IW+ is an integral liquid waterproofing compound consisting of hyper-branched polymeric fatty acid & a special ionomer for long-term protection of mortar, concrete, render & screed from water seepage. It also enhances the cohesiveness of concrete, mortar, render & screed during mixing & application, ensuring complete watertightness after full hardening.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **External Plastering:** RCC & Masonry walls.
- **Concrete:** RCC & PCC.
- **Submerged & Underground Structures:** Underground Tanks, Basements & Submerged Structures.
- **Exposed Areas:** Terraces, Swimming Pools, Water Tanks, Tunnels, Canals & Dams.
- **Moisture-Prone Areas:** Bathrooms, Toilets, Balconies, Sumps & Drains.

SUITABLE SUBSTRATES:

- In-situ Concrete, Pre-cast Concrete, Cementitious Mortars (Plasters & Renders) & Masonry.

PRODUCT KEY FEATURES



REDUCES WATER
PERMEABILITY



REDUCES
SHRINKAGE CRACKS



INCREASES
DURABILITY



IMPROVES
WORKABILITY



ENHANCES
STRENGTH

TECHNICAL PROPERTIES (Complies To IS 2645, 101, 4031 Part-5, Part-6)

Appearance & Colour	: Free Flowing Amber Liquid
Base	: Polymeric Fatty Acid & Special Ionomer
Density	: 1.09 ± 0.03 g / cc
pH	: 10 ± 2
Initial Setting Time	: Reduction By $20 \pm 3\%$
Final Setting Time	: Reduction By $30 \pm 3\%$
Compressive Strength	: Increase By $5 \pm 3\%$ From Control
Water Permeability	: Reduces $60 \pm 3\%$ Permeability
Chloride Content	: $0.03 \pm 0.01\%$
VOC	: $12 \pm 1\%$

DOSAGE

Use 150 ml per 50 kg bag of cement (OPC / PPC)

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at $+5^{\circ}\text{C}$ to 40°C .

The values are based on laboratory testing at $27 \pm 2^{\circ}\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



150 ml, 1, 5, 20 & 50 ℓ

ASCOFILL

Single Component Polymerized Cementitious
Non-shrink White Crack Filler Powder

ASCOFILL is a specially formulated, high-strength, single-component, non-shrink crack-filling powder designed for repairing cracks in plaster & concrete.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

Crack Repair: Masonry, Concrete, Stucco, Cement Rendering & Other Exterior Surfaces.

Brickwork And Edges: Suitable For Repairing Brickwork, Corners & Surface Damage.

Filling Small Holes: Ideal For Filling Small Holes & Surface Imperfections.

SUITABLE SUBSTRATES:

- AAC Blocks Masonry, RCC, PCC, Pre-cast Concrete, In-Situ Concrete & Cementitious Mortars (Plasters & Renders).

APPLICATION THICKNESS:

- Up To 5 mm X 5 mm

PRODUCT KEY FEATURES



**NON-SHRINK
POWDER**



**EXCELLENT
ADHESION**



**VERSATILE
USAGE**



**VERTICAL & HORIZONTAL
CRACK FILLER**



**EASY
TO APPLY**

TECHNICAL PROPERTIES (ASTM C 109)

Appearance	: Free Flowing Powder
Colour	: White
Setting Time	: 20 ± 5 minutes
Bulk Density	: 1250 ± 50 Kg / m ³
Paintability	: Paintable
UV Resistance	: Yes
Fresh Wet Density	: 1800 ± 50 Kg / m ³
Pot Life	: ≥ 30 minutes
Water Powder Ratio	: 28 ± 2 % (by weight)
Compressive Strength	: ≥ 15 N / mm ² @ 28 days

COVERAGE

Approx 60 RFT/ kg (for 5 mm X 5 mm crack)

Coverage is estimated and may vary depending on site conditions. To establish practical consumption, we recommend testing on trial areas, especially for primers.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5 & 20 kg

ASCOFILL ES

Single-component Acrylic-based, Non-shrink Elastomeric White Crack Filler Paste.

ASCOFILL ES is a single-component, ready-to-use acrylic caulking paste designed specifically for filling surface cracks & dents on both walls and floors. Its paste form ensures easy application, providing a smooth finish & strong adhesion. The advanced acrylic binder offers a firm grip on surfaces, making repairs durable & extending the life of the paint. **ASCOFILL ES** features a bright white finish, is compatible with both latex & oil-based paints, has a low odor & cleans up easily with water.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Bonding Agent:** Plaster Substrates & Window Frames.
- **Caulking Compound:** Gaps Filler for Concrete, Door Frames, Holes, Moldings & Trims.
- **Joints Filling:** Corner Joints.
- **Sealing:** Pipes, Vents & Structural Gaps.

SUITABLE SUBSTRATES:

- Cementitious Mortars (Plasters & Renders), Block, Masonry, RCC, PCC, Pre-Cast, In-Situ Concrete & Dry Walls Joints.

APPLICATION THICKNESS:

- Up To 5 mm X 5 mm

PRODUCT KEY FEATURES



**SUPERIOR
BONDING**



WATERPROOF



**ELASTOMERIC
COMPOUND**



**VERSATILE
APPLICATION**



NON - TOXIC

TECHNICAL PROPERTIES (ASTM C 109)

Appearance & Colour	: Lump Free High Viscous White Paste
Base	: Acrylic latex
Density	: 1.35 ± 0.05 Kg / ℓ
Touch Dry Time	: 35 ± 5 minutes
Full Dry Time	: 24 Hours
Extension Recovery	: Minimum 75 %
Water Resistance	: Excellent

COVERAGE

25 - 30 RMT / kg (for 5 mm X 5 mm crack)

Depending on the size of the dent, groove, or crack.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at $27 \pm 2^\circ\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



1, 5 kg

Versatile & High Early Strength Non-Shrink Gun Grade Cementitious Grout

APPLICATION COMPATIBILITY

Structural Applications: Tie Rod Holes, Crack Repair In RCC Structures, Filling Gaps In RCC & Pre-Cast Concrete.

SUITABLE SUBSTRATES:

- RCC, PCC, Pre-Cast Concrete & In-Situ Concrete.

PRODUCT KEY FEATURES



NON-SHRINK GROUT



HIGH EARLY STRENGTH



SELF CURING



EXTERNAL & INTERNAL



GUN GRADE APPLICATION

TECHNICAL PROPERTIES (ASTM C 109, IS 4031-Part-6, IS 2770, ASTM C 469)

Appearance	: Free Flowing Grey Powder
Water Powder Ratio	: $23 \pm 2\%$
Fresh Wet Density	: $1950 \pm 100 \text{ Kg / mm}^3$
Initial Setting Time	: 80 ± 30 minutes
Final Setting Time	: 5 ± 2 hours
Compressive Strength @ 1 day	: $\geq 10 \text{ N / mm}^2$
@ 7 days	$\geq 35 \text{ N / mm}^2$
@ 28 days	$\geq 52 \text{ N / mm}^2$
Flexural Strength @ 28 days	: $\geq 3 \text{ N / mm}^2$

YIELD

15 - 16 ℓ / 25 Kg @ 0.21 - 0.25 W/P Ratio

SHELF LIFE

6 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at $27 \pm 2^\circ\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



25 & 50 kg

ASCOGROUT® 65

Multipurpose, Single Component High Early Strength Non-shrink Precision Grout

ASCOGROUT® 65 is a specially formulated, multipurpose, non-shrink cementitious grout designed for precision applications. It offers versatility across consistencies, ranging from flowable to trowelable, while maintaining superior performance. This advanced grout delivers high early & ultimate strength, plastic expansion & excellent substrate adhesion. With a low water demand, **ASCOGROUT® 65** ensures enhanced durability & long-lasting performance, making it ideal for high-strength & reliable grouting solution.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

Structural Repair & Reinforcement Applications: Filling Gaps in RCC, Pre-cast Concrete, Post Fixing, Anchoring Reinforcement, Crack Filling, Patching & Repair Applications.

Support Applications: Bearing Plates, Steel Columns & Anchoring Applications.

SUITABLE SUBSTRATES:

- RCC, PCC, Pre-Cast Concrete & In-Situ Concrete.

PRODUCT KEY FEATURES



**NON-SHRINK
GROUT**



**HIGH EARLY
STRENGTH**



**FREE FLOWING
GROUT**



**EXCELLENT BOND
STRENGTH**



**NON-TOXIC &
NON-CORROSIVE**

TECHNICAL PROPERTIES (ASTM C 928, ASTM C 109, IS 4031- part 6, BS 1881, part 116, IS 2770, ASTM D 469 - 94)

Appearance	: Non-Metalic, Free Flowing Grey Powder
Water Powder Ratio	: Flowable: $16 \pm 1\%$ Pourable: $18 \pm 1\%$
Fresh Wet Density	: $2200 \pm 100 \text{ Kg / m}^3$
Pot Life	: 50 ± 10 minutes
Workability	: 25 ± 5 minutes
Initial Setting Time	: 2 - 3 hours
Layer Thickness	: 20 - 80mm (Single Pour)
Water Curing	: 7 Days
Compressive Strength @ 1 day	: $\geq 15 \pm 1 \text{ N / mm}^2$
@ 7 days	: $\geq 40 \pm 1 \text{ N / mm}^2$
@ 28 days	: $\geq 66 \pm 1 \text{ N / mm}^2$

YIELD

Flowable: 12 - 13 ℓ / 25 Kg Bag

Pourable: 13 - 14 ℓ / 25 Kg Bag

SHELF LIFE

6 months from the date of manufacturing in original sealed condition, if stored dry at $+5^\circ\text{C}$ to 40°C .

The values are based on laboratory testing at $27 \pm 2^\circ\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



25 & 50 kg

ASCOSEAL® PU

Single Part, Low Modulus Polyurethane Sealant

ASCOSEAL® PU is a specially developed, single-component polyurethane sealant that is low modulus, moisture-curing & VOC compliant, designed for use on concrete & masonry surfaces. With fast curing properties, it forms a strong, durable & weather-resistant seal. **ASCOSEAL PU®** exhibits excellent adhesion to a wide range of substrates, making it ideal for various construction & repair applications.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

Joint Sealing: Floor joints in concrete, Fiber-cement panels, Roof & gutter joints.

Specialized Sealing: Pipe and Duct Penetrations In Walls & Floors. Joints Around Windows, Doorframes & Walls.

SUITABLE SUBSTRATES:

• Metals (Stainless Steel, Aluminum, Copper) Concrete, Dry Wall, Cement Sheets, Cementitious Mortars (Plasters & Renders), PVC, CPVC, Timber, Glass, Ceramic & Plywood.

APPLICATION THICKNESS:

- Maximum Joint width: 25 mm
- Maximum Joint depth: 10 mm

PRODUCT KEY FEATURES



EXCELLENT
ADHESION



FAST
CURING



AGEING & WEATHER
RESISTANT



PAINTABLE
ONCE CURED



READY TO
USE

TECHNICAL PROPERTIES (ASTM D 792, D 412, C 661, C 719)

Appearance & Colour	: White / Grey
Base	: Polyurethane
Density	: 1.3 ± 0.5 Kg / ℓ
Consistency	: Thixotropic
Shore 'A' Hardness @ 7 days	: 35 ± 5 A
Elongation	: ≥ 800 %
Tensile Strength	: 1.2 N / mm^2
Service Temperature	: -40 °C to 55 °C
Movement Accomodation Factor	: 25%
Curing System	: Air Curing

COVERAGE

$$\text{Length (m}^2\text{)} = \frac{600 \text{ ml}}{\text{Width (mm)} \times \text{Depth (mm)}}$$

Ex: Length (m²) = 600 ml / 4 mm X 10 mm = 15 m²

SHELF LIFE

9 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



600 ml Sausage

ASCOPRIME® +

Anti-efflorescence Acrylic Primer For Better Bonding Properties

ASCOPRIME® + is an advanced acrylic primer with excellent adhesion, sealing qualities & enhanced bonding properties for both exterior & interior use. It works effectively on new /old painted surfaces, sealing non-porous areas while improving the bond of exterior coatings. For optimal performance, **ASCOPRIME® +** should be diluted with water before application. Upon drying, it forms a thin white layer, ensuring a strong, even base for subsequent top coats.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Walls:** Maintenance & protection of both Old & New Walls.
- **Outdoor Surfaces:** Roofs & Terraces.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters, Renders & Screeds) & Old / New Paint.

SUITABLE PRIMER FOR:

- Ascoshield PU +, Ascoguard Prime & Ascoguard.

PRODUCT KEY FEATURES



**EFFLORESCENCE
RESISTANT**



FAST DRYING



**DUAL BONDING
PROPERTIES**



**GOOD HIDING
PROPERTIES**



**GOOD
ADHESION**

TECHNICAL PROPERTIES (IS 101, ASTM D 7234, ASTM D 4541 (Metals), ASTM D 1644)

Appearance & Colour	: White Viscous Liquid
pH	: 8.5 ± 1
Solid Content	: 50 ± 1 %
Density	: 1.25 ± 0.03 g /cc
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ²
Mixing Ratio	: 2:1 (Ascoprime+ : Water)
Drying Time	: 35 ± 5 minutes
Application Temperature	: +10 °C to +45 °C
DFT	: 75 ± 10 μ

COVERAGE

80 - 100 ft² / ℓ mix / Coat

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 \pm 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5, & 20 ℓ

ASCOPRIME® ULTRA

Acrylic Based Efflorescence Resistant Primer & Sealer Coat

ASCOPRIME® ULTRA is an advanced acrylic polymer-based, self-cross-linking primer & sealer coat with excellent adhesion & sealing properties for both exterior & interior use on new concrete, RCC, render & putty surfaces. It seals porous surfaces & enhances the bonding of interior & exterior coatings. upon drying, it forms a transparent layer.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Wet Areas:** Bathrooms, Sunken & Non-Sunken areas.
- **Water bodies:** Swimming pools & Water Tanks.
- **Outdoor surfaces:** Balconies, Terraces, Exterior Walls & Podiums.

SUITABLE SUBSTRATES:

- RCC, PCC, Stucco, Masonry, Gypsum, Stone, Slate, Marble, Terrazzo, Painted Surfaces, Asbestos & Brick.

SUITABLE PRIMER FOR:

- Ascocrete II, Ascoflex II, Ascoflex Super, Ascoguard Prime, Ascoshield PU +, Ascoguard & All Types Of Acrylic & Cementitious Coatings / Membranes.

PRODUCT KEY FEATURES



**SUPERIOR
PENETRATING PRIMER**



**WATER
RESISTANT**



**DUAL BONDING
PROPERTIES**



**ANTI -
EFFLORESCENCE**



**SUPERIOR
ADHESION**

TECHNICAL PROPERTIES (IS 101, ASTM D 7234, ASTM D 4541 (Metals), ASTM D 1644)

Appearance & Colour	: Free Flowing Milky White Liquid
Base	: Acrylic Emulsion
Solid Content	: 15 ± 1%
pH	: 8.5 ± 1
Density	: 1.02 ± 0.02 g / cc
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ²
Drying Time	: 35 ± 5 minutes
Application Temperature	: +10°C to 45 °C
DFT	: 40 ± 5 μ
Efflorescence Resistance	: No Efflorescence In Paint Film

COVERAGE

60 - 70 ft² / ℓ / Coat (Do Not Dilute With Water)

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5, & 20 ℓ

ASCOPRIME® EP 100

Solvent Free Epoxy Primer / Sealer

ASCOPRIME® EP 100 is a high-build, two-component, solvent-free, self-leveling epoxy primer that offers excellent abrasion & chemical resistance. It is a non-film-forming, penetrating primer with a low sheen finish.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Industrial & Commercial Spaces:** Storage Areas, Assembly Halls, Maintenance Workshops & Rest Rooms.
- **Specialized Facilities:** Hospitals, Power Plants, Exhibition Halls & Locker Rooms.
- **High-Traffic Areas:** Ramps, Car Garages, Subway Showrooms, IT & Electronic Industries.
- **Food & Beverage Industries:** Food Processing Units, Breweries, Bottling Plants, Bakeries & Dairy Industries.
- **Controlled Environments:** Pharmaceuticals Plants & Clean Rooms.

SUITABLE SUBSTRATES:

- Concrete (Old/New), Cementitious Mortars (Plasters, Renders & Screeds), Plywood, Cement Sheets, Tiles & Metals.

SUITABLE PRIMER FOR:

- ASCOPOXY TL 100, ASCOPOXY SL 500, ASCOPOXY SL 1000, ASCOPOXY SL 2000 & All types Of Epoxy Floor & Screed Systems.

PRODUCT KEY FEATURES



**ABRASION
RESISTANCE**



**ULTIMATE
BONDING**



**MOISTURE
INSENSITIVE**



**CHEMICAL
RESISTANCE**



EASY TO APPLY

TECHNICAL PROPERTIES (IS 101, ASTM D 7234, ASTM D 4541 (Metals). ASTM D 2240)

Appearance & Colour (MIX)	: Amber Colour Low Viscous Liquid
Mix Density	: 1.05 ± 0.05 g/cc
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ² (concrete failure) M 20
Drying Time	: 4 ± 1 hours
Mixing Ratio	: 2:1 (Part A: Part B)
Full Cure	: 7 Days
Pot Life	: 30 ± 5 minutes
DFT	: 60 ± 10 µ
Compressive Strength	: ≥ 50 N / mm ²
Shore D Hardness	: 60 D

COVERAGE

90 - 100 ft² / kg mix / Coat (on dry smooth concrete surfaces)

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



3 & 6 kg

ASCOBOND™ LATEX

Versatile SBR - Based Bonding Agent & Waterproofing Additive For Multiple Applications

ASCOBOND™ LATEX is a high-performance SBR (Styrene-Butadiene Rubber) copolymer, developed to enhance bonding properties. It improves adhesion, compressive strength & durability in Cementitious Mortars (Renders & Screeds), patching mortars. Additionally, it offers benefits such as chemical & water resistance for long-lasting performance.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Bonding Agent:** New To Old Concrete & Cementitious Mortars (Plasters & Renders).
- **Waterproofing:** Small Roof Terraces, Sunken Bathrooms, Chajjas & Balconies.
- **Concrete Restoration:** Spalled Concrete Repairs, Crack & Leak Fixes & Pinhole Treatments.
- **Mortar Enhancement:** Mortar Bed/ Screeds, Tile & Marble Screeds & Masonry Mortar.
- **Durable Exterior Finishes:** Weatherproof Renderings.
- **Additional Usage:** Saltpetre & Leaching Treatments.
- **Other Applications:** Waterproofing Coat, Bonding Slurry, Masonry Joint, Patching & Repair Mortar, Polymer Modified Mortar/ Plaster, PCC/ Floor screed & Grouting Crack Treatment.

SUITABLE SUBSTRATES:

- Concrete (Old & New) & Cementitious Mortars (Plasters, Renders & Screeds).

PRODUCT KEY FEATURES



**EXCELLENT
BONDING AGENT**



**MINIMIZES
CRACKING**



**ABRASION
RESISTANCE**



**NON CORROSIVE
& NON TOXIC**



**HIGHLY
VERSATILE**

TECHNICAL PROPERTIES (IS 101, 2250, ASTM D - 1644, D 7234, D 4541 (Metals), C 109, C 348)

Appearance	: Milky White Low Viscous Liquid
Base	: SBR Latex
Solid content	: $38 \pm 1\%$
pH	: 9 ± 1
Density	: 1.04 ± 0.02 g / cc
Pot Life	: 30 ± 5 minutes
Pull Off Adhesion Strength	: ≥ 2.5 N / mm^2 (Concrete Failure)
Compressive Strength (Patching Repair Mortar)	: ≥ 11 N / mm^2 1:7:8:24 (Ascobond Latex : Water : Cement : Sand)
Flexural Strength (Patching Repair Mortar)	: ≥ 4 N / mm^2 1:7:8:24 (Ascobond Latex : Water : Cement : Sand)
VOC	: $< 1\%$

COVERAGE

Application	Consumption Of Mix	Consumption Of Ascobond Latex
Bonding Slurry	0.270 kg/m ² /coat	0.110 kg/m ² /coat
Patching & Repair Mortar	1650 kg/m ³	2.50%
Polymer Modified Mortar/ Plaster	1850 kg/m ³	1.60%

SHELF LIFE

18 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5, 20 & 50 ℓ

ASCOBOND™ 450

Advanced Strength And Extremely Dynamic SBR Latex Based Bonding Enhancer And Waterproofing Additive

ASCOBOND™ 450 is a high-solid styrene-butadiene (SBR) copolymer synthetic latex. It serves as a highly effective waterproofing additive, designed to enhance performance aspects such as compressive strength, durability & pull-off adhesion in render, screed & repair mortar. **ASCOBOND™ 450** also improves abrasion resistance, protection against frost damage, water vapor transmission & resistance to chemical attacks.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Bonding Agent:** New To Old Concrete, Cementitious Mortars (Plasters) & Gypsums.
- **Waterproofing Solutions:** Tanks & Containments, Interior & Exterior, Balconies, Wet Areas & Plant Rooms, Multipurpose Slurries.
- **Concrete Repair & Restoration:** Beams, Slabs, Columns, Re-plastering, Masonry Works, Stucco Restorations, Screed Applications & Reinforcement Protections.
- **Mortar Enhancement:** Tile & Brick Setting Works.
- **Other Applications:** Waterproofing Coat, Bonding Slurry, Bonding Primer, Masonry Joint, Patching & Repair Mortar, Polymer Modified Mortar/ Plaster, PCC/ Floor Screed & Crack Filling.

SUITABLE SUBSTRATES:

- Concrete (Old & New) & Cementitious Mortars (Plasters, Renders & Screeds).

PRODUCT KEY FEATURES



HIGH-PERFORMANCE
BONDING AGENT



IMPROVES
DURABILITY



REDUCES
SHRINKAGE CRACKS



WATERPROOFING
PROPERTIES



HIGHLY
VERSATILE

TECHNICAL PROPERTIES (IS 101, 2250, ASTM D - 1644, D 7234, D 4541 (Metals), C 109, C 348)

Appearance	: Milky White Liquid
Base	: High solid SBR Latex
Solid Content	: 45 ± 1%
pH	: 9 ± 1
Density	: 1.04 ± 0.02 g / cc
Pot Life	: 30 ± 5 minutes
Pull Off Adhesion Strength	: ≥ 3.50 N / mm ² 1:2:4 (Ascobond 450 : Water : Cement)
Compressive Strength (Patching Repair Mortar)	: ≥ 10 N / mm ² 1:8:10:40 (Ascobond 450 : Water : Cement : Sand)
Flexural Strength (Patching Repair Mortar)	: ≥ 3 N / mm ² 1:8:10:40 (Ascobond 450 : Water : Cement : Sand)
VOC	: < 1 %

COVERAGE

Application	Consumption Of Mix	Consumption Of Ascobond 450
Bonding Slurry	0.370 kg/m ² /coat	0.050 kg/m ² /coat
Patching & Repair Mortar	1800 kg/m ³	1.70%
Crack Filling	1850 kg/m ³	2.05%

SHELF LIFE

18 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5, 20 & 50 ℓ

ASCOBOND™ AR

Highly Effective Acrylic-based Multipurpose Polymer For Waterproofing & Repair Applications

ASCOBOND™ AR is a high-performance, UV-resistant, acrylic copolymer-based waterproofing product engineered to enhance various cementitious mixes. It significantly improves waterproofing, making concrete, plaster, screed & render watertight on a wide range of indoor & outdoor surfaces. **ASCOBOND™ AR** also enhances adhesion & compressive strength, making the system more durable & resistant to wear & tear.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Bonding Agent:** New To Old Concrete, Masonries & Stone Works, Plasters & Tile Beddings.
- **Waterproofing Solutions:** Potable Water Tanks, Wet Areas, Water Bodies (Limited), Chemical Holding Tanks, Flat Surfaces, Sunk & Non - Sunk.
- **Concrete Repair & Restoration:** Pre-cast & In-situ Concrete, Plasterings & Structural Repairs.
- **Admixture:** Enhancing Mortar Durabilities, Waterproofing & Cement-based Paints
- **Other Applications:** Waterproofing Primer, Waterproofing Coat, Bonding Slurry, Bonding Primer, Masonry Joint, Patching & Repair Mortar & Polymer Modified Mortar/ Plaster.

SUITABLE SUBSTRATES:

- Concrete (Old & New) & Cementitious Mortars (Plasters, Renders & Screeds)

SUITABLE PRIMER:

- Self Priming : 1:3:4 (ASCOBOND AR : Water : OPC)

PRODUCT KEY FEATURES



PREVENTS WATER
PENETRATION



EXCELLENT
BONDING AGENT



EFFLORESCENCE
RESISTANT



UV & WEATHER
RESISTANT



HIGHLY
VERSATILE

TECHNICAL PROPERTIES (IS 101, 2250, ASTM D - 1644, D 7234, D 4541 (Metals), C 109, C 348)

Appearance	: Milky White Liquid
Base	: Acrylic Latex
Solid Content	: 35 ± 1%
pH	: 9 ± 1
Density	: 1.03 ± 0.02 g / cc
Pot Life	: 30 ± 5 minutes
Compressive Strength (Patching Repair Mortar)	: ≥ 13 N / mm ² 1:7:8:20 (Ascobond AR : Water : Cement : Sand)
Flexural Strength (Patching Repair Mortar)	: ≥ 3 N / mm ² 1:7:8:20 (Ascobond AR : Water : Cement : Sand)
VOC	: < 1 %

COVERAGE

Application	Consumption Of Mix	Consumption Of Ascobond AR
Waterproof Primer	0.370 kg/m ² /coat	0.045 kg/m ² /coat
Waterproof Coat	0.700 kg/m ² /coat	0.230 kg/m ² /coat
Bonding Slurry	0.220 kg/m ² /coat	0.090 kg/m ² /coat

SHELF LIFE

18 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5, 20 & 50 ℓ

ASCOCRETE™ II

2 Part Acrylic Based Cementitious Brushable Waterproof Coating

ASCOCRETE™ II is a two-part, acrylic-modified, underlayment cementitious coating, mixed on-site for easy application by roller or brush on both horizontal & vertical surfaces. It dries to form a grey-colored, rough-textured waterproofing layer with superior water resistant properties. It is recommended for internal & external structural waterproofing of concrete & plaster substrates.

APPLICATION COMPATIBILITY

APPLICATION AREAS: (NON - EXPOSED)

- **Moisture-Prone Areas:** Bathrooms, Kitchens & Wash Areas.
- **Out Door Surfaces:** Chajjas & Roofs.
- **Tanks:** Waterproofing RCC Water Tanks.
- **Capillary Crack Repairs:** Repairs Capillary Cracks On Terraces, Balconies, Small Water Tanks & Inverted Roofs.

SUITABLE SUBSTRATES:

- Concrete , Cementitious Mortars (Renders & Screeds), Bricks, AAC Blocks & Dry Walls.

SUITABLE PRIMER:

- Primer application is not mandatory; however, using **ASCOPRIME® ULTRA** ensures better bonding and durability.

PRODUCT KEY FEATURES



**SUPERIOR WATER
RESISTANT COATING**



**BRUSHABLE
COATING**



**CRACK BRIDGING
ABILITY**



**EXCELLENT
ADHESION**



**EFFLORESCENCE
RESISTANT**

TECHNICAL PROPERTIES (IS 101, 516 - 2018, ASTM D 412 TYPE C, D 7234 , D 4541 (Metals), EN1062)



Appearance & Colour	: Part A : Grey Colour Polymerized Cementitious Powder
	: Part B: Milky White Acrylic Co-Polymer Liquid
Mix Ratio	: 3 : 1 (Part A : Part B) by weight
Mix Density	: 1.90 ± 0.05 g / cc
Pot Life	: 35 ± 5 minutes
Re - Coating Time	: 6-8 hours
Crack Bridging	: up to 1 mm width
Elongation	: ≥ 60%
DFT	: 1.2 mm (2 coats)
Pull Off Adhesion Strength	: ≥ 1 N / mm ² (*Without Primer)
Tensile Strength	: ≥ 0.8 N / mm ²

COVERAGE

4 - 5 ft² / kg of mix / 2 coats

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



4 & 20 Kg Set

ASCOFLEX® II

2 Part High performance Acrylic Polymer Modified Flexible Cementitious Waterproofing Membrane

ASCOFLEX® II is a two-part, UV-resistant cementitious waterproofing membrane. It comprises selected cement-based, polymer-modified powder (component A) & a special acrylic copolymer emulsion (component B). Upon curing, it forms a seamless, highly elastic, tough membrane with strong adhesion & durable waterproofing properties. Upon drying, it forms a smooth, dark grey layer, providing long-lasting protection.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Wet Areas:** Water Tanks, Swimming Pools, Bathrooms, Sunken & Non-Sunken areas.
- **Outdoor Surfaces:** Terraces, Balconies & Chajjas.
- **Structural Protection:** Basements, Retaining Walls & Concrete Roofs.
- **Utility Areas:** RCC Gutters & Drains.
- **Comprehensive Waterproofing:** Interior & Exterior Waterproofing, Cementitious Rendering, Brickwork & Blockwork.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds), Bricks & AAC Blocks, Dry Walls & Cement Sheets.

SUITABLE PRIMER:

- Primer application is not mandatory; however, using **ASCOPRIME® ULTRA** ensures better bonding and durability

PRODUCT KEY FEATURES



**STRONG WATERPROOF
COATING**



**HIGH CRACK
BRIDGING ABILITY**



**HIGH ELONGATION
MEMBRANE**



**TOUGH & DURABLE
MEMBRANE**



**EXCELLENT
ADHESION**

TECHNICAL PROPERTIES

(IS 101, 516 - 2018, ASTM D 412 TYPE C, D 7234, D 4541 (Metals), EN1062)



Appearance & Colour	: Part A : Free Flowing Grey / White Powder : Part B : Free Flowing Milky White Liquid
Mix Ratio	: 2.5 : 1 (Part A : Part B) by weight
Mix Density	: 1.85 ± 0.05 g / cc
Pot Life	: 30 ± 5 minutes
Re - Coating Time	: 8 - 9 hours
Crack Bridging	: up to 2 mm width
Elongation	: ≥ 150%
DFT	: 1.2 mm (2-3 coats)
Pull Off Adhesion Strength	: ≥ 1 N / mm ² (*Without Primer)
Tensile Strength	: ≥ 1 N / mm ² ≥ 5 N / mm ² (with ASCOTEX™ GM)

COVERAGE

4 - 5 ft² / kg of mix / 2 coats

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



17.5 Kg Set

ASCOSEAL® CL

Single-Component, Cement-Based Crystalline Waterproof Coating for Below Ground Level Applications

ASCOSEAL® CL is a single-component, crystalline silica-based waterproofing barrier coat. This crystalline waterproofing coating is designed for walls, submerged structures such as water bodies, basements, tunnels, water & sewage treatment plants. The insoluble crystal growth upon application effectively prevents seepage & water penetration from both positive & negative sides. Upon curing, it forms a grey layer, ensuring reliable, long-lasting waterproofing protection.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **High-Moisture Areas:** Swimming Pools & Cooling Towers.
- **High-Water Pressure Areas:** Tunnels, Galleries, Basements, Elevator Pits & Retaining wall.
- **Concrete Protection:** Sewage & Water Treatment Plants, Setting Tanks, Dams, Facades, Wall Faces & Prefabricated Panels.
- **Thermal Power Plants:** Waterproofing For Power Plant Facilities.
- **Precast Units:** Precast Concrete Components.

SUITABLE SUBSTRATES:

- New / Old Concrete.

PRODUCT KEY FEATURES



SUITABLE FOR
WET AREAS



+/- VE WATER
PRESSURE RESISTANT



PREVENTS WATER
PENETRATION



CHEMICAL
RESISTANCE



EXCELLENT
ADHESION

TECHNICAL PROPERTIES (IS 101, ASTM D 7234, D 4541 (Metals))

Appearance & Colour	: Light Grey Free Flowing Powder
Mixing Ratio	: 3 - 3.5 Parts Powder by volume : 1 Part Water
Density	: 850 ± 100 kg / m ³
Pull Off Adhesion Strength	: ≥ 1 N / mm ²
Typical Rate Of Crystal Penetration	: 2-10 mm (0.08-0.40 inches) per week
Chloride Permeability	: Reduction Over Control 60-80% (depending on the depth)
Self Sealing Of Cracks	: < 0.5 mm
Water Absorption	: Nil
Curing	: Water Curing For Atleast 3 Days

COVERAGE

150 gm/ ft²

Depending on surface porosity & evenness of the substrate.

SHELF LIFE

11 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



25 Kg

ASCOSEAL® CL II

Two Component Crystalline Water Impermeable Coating for Positive and Negative Sides

ASCOSEAL® CL II is a two-component, cementitious coating made with synthetic latex & crystalline silica. Its insoluble crystal growth & flexibility provide excellent waterproofing for submerged concrete structures like pools, basements, tunnels and treatment plants. It protects against water penetration from both the positive & negative sides, forming a durable, grey-colored layer upon curing.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Basements & Below Ground Sites:** Waterproofing Basements, submerged Structures & Retaining Walls.
- **High-water Pressure Environments:** Tunnels, Galleries, Swimming Pools & Elevator Pits.
- **Concrete Protection:** Water Treatment Plants, Dams, Facades, Wall Faces & Prefabricated Panels.
- **Positive & Negative Hydrostatic Pressure Areas:** Large & Multi-storied Structures.

SUITABLE SUBSTRATES:

- New / Old Concrete, Cementitious Mortars (Plasters & Screeds)

SUITABLE PRIMER:

- ASCOPRIME® ULTRA

PRODUCT KEY FEATURES



**IMPENETRABLE
WATERPROOF
COATING**



**+/- VE WATER
PRESSURE RESISTANT**



**SELF
CURING**



SELF-HEALING



NON - TOXIC

TECHNICAL PROPERTIES (IS 101, 516 - 2018 ASTM D 7234, D 4541 (Metals))



Appearance & Colour (MIX)	: Greyish Free Flowing Liquid
Mix Density	: 1.40 ± 0.05 g /cc (Mixed System Powder, Liquid & Water As Per Ratio)
Mixing Ratio	: 1.5 : 1: 1 (Powder : Liquid : Water)
Pot Life	: 40 ± 5 min
Elongation	: ≥ 150 %
Pull Off Adhesion Strength	: ≥ 1.5 N /mm ²
Flexural Strength	: $\geq 6.5 \pm 0.5$ N /mm ²
DFT	: 0.5 mm - 1 mm
Touch Dry Time	: 9 - 10 hours

COVERAGE

4 - 6 ft² / kg mix / 2 coats

Depending on the surface type (e.g., toilets, balconies). For water bodies, single basements, lift pits & multi-level basements, consumption may increase by 30–35%

SHELF LIFE

6 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



25 Kg Set

ASCOFLEX® BITUCOAT

Cold Applied Synthetic Latex Modified Bitumen Based Water Proofing Membrane

ASCOFLEX® BITUCOAT is a single-component, cold-applied, synthetic latex-modified bitumen-based waterproofing membrane that provides long-term protection against water damage to mortar, concrete, render & screed. This hybrid latex compound is ideal for applications where heating bitumen is not preferred, enhancing water resistance for walls, concrete & below-ground structures. Once dried, it forms a black, impermeable & elastic membrane, free from odor & vapor upon curing.

APPLICATION COMPATIBILITY

APPLICATION AREAS: (Non - Exposed)

- **Moisture-Prone Areas:** Retaining Walls, Wet Sumps, Drains & Sunken Areas.
- **Rendering & Plastering Work:** Brick Walls, Residential & Industrial Structures.
- **Sandwich Layering:** Effective For Application On Existing Slabs.
- **Damp Proofing:** Roofs, Asbestos & Concrete Surfaces.
- **External Plastering:** Residential & Industrial Areas For Submerged Structures.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Renders & Screeds), Wood, Metals, Composite Wall & Asbestos.

SUITABLE PRIMER:

- Self Priming 1:1 (Ascoflex Bitucoat : Water)

PRODUCT KEY FEATURES



**SUPERIOR WATER
RESISTANT
COATING**



**PROTECTS
CAPILLARY WATER RISE**



**ROLLER
COATING**



**EFFLORESCENCE
RESISTANT**



**DURABLE &
CRACK RESISTANT**

TECHNICAL PROPERTIES (IS 101, 516 - 2018 , ASTM D 1644, D 412 TYPE C, D 4541 D 7234 (Metals))



Appearance & Colour	: Black Colour Viscous Easily Brushable Liquid
Base	: Synthetic Resin Based Latex And Bitumen Emulsion Hybrid
Density	: 1.05 ± 0.05 g /cc
pH	: 8 ± 1
Solid Content	: 40 ± 2 %
DFT	: 140 ± 10 μ (Single coat)
Elongation	: ≥ 100 %
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ²
Touch Dry Time	: 60 ± 20 Minutes
Full Dry Time	: 24 Hours

COVERAGE

26 - 28 ft²/ kg / coat

Note: Water dilution is not recommended for this product.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1, 5 & 20 Kg

ASCOFLEX® SUPER

Synthetic Elastomeric Emulsion Based Multipurpose Liquid Applied Waterproofing Membrane

ASCOFLEX® SUPER is a thin, load-bearing synthetic liquid applied waterproofing membrane developed with a unique synthetic elastomeric copolymer latex, renowned for its exceptional elongation properties & high adhesion strength. It exhibits excellent waterproofing capabilities & effectively bridges minor surface cracks. Upon application onto a substrate, **ASCOFLEX® SUPER** creates a superior waterproof coat & a permanently elastic, seamless, black-colored membrane upon curing.

APPLICATION COMPATIBILITY

APPLICATION AREAS: (Non - Exposed)

- **Wet Areas:** Bathrooms, Toilets, Laundries, Shower Floors (Under Tiles) & Swimming Pools.
- **Exterior Applications:** Balconies, Terraces, Basements, Podiums, Flat & Sloped Roofs.
- **Additional Applications:** Commercial Box Gutters.
- **Repairs :** Concrete Repairs & Restoration, Plaster Repair & Bonding Coat.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds), Brick-Bat Coba & IPS.

SUITABLE PRIMER:

- ASCOPRIME® ULTRA

PRODUCT KEY FEATURES



**STRONG WATERPROOF
COATING**



**HIGH CRACK
BRIDGING ABILITY**



**ANTI - ROOT
PROPERTIES**



**HIGH STRENGTH
& DURABILITY**



**HIGH ELONGATION
MEMBRANE**

TECHNICAL PROPERTIES

(IS 101, 516 - 2018 ASTM D 1644,D 7234,
D 412 TYPE C, EN 1062,)



Appearance & Colour	: Bluish Colour Viscous Liquid
Base	: Modified Synthetic Polymer Latex
Density	: 1.15 ± 0.03 g /cc
pH	: 8 ± 1
Solid Content	: 55 ± 2 %
Re-coating Time	: 6-8 hrs
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ²
Crack Bridging	: up to 2 mm width
Elongation	: ≥ 400% @ 600 μ
DFT	: 600 μ (after 2 coats)

COVERAGE

7 - 9 ft²/ kg / 2 coats

Note: Water dilution is not recommended for this product.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



5, 20 & 50 Kg

ASCOGUARD™ PRIME

High Performance Elastomeric Fibre Enriched, Acrylic Waterproofing Membrane

ASCOGUARD™ PRIME is a liquid-applied, selective acrylic copolymer-based waterproofing membrane enriched with acrylic polyacrylonitrile (PAN) micro fibers. It exhibits excellent crack-bridging properties & is resistant to sunlight. This product provides a durable waterproof roofing membrane along with a unique multi-layer seamless finish. Upon drying, it forms a smooth, homogeneous finish. **ASCOGUARD™ PRIME** is available in multiple color options.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **External Surfaces:** Terraces, Sunshades & Parapet Walls.
- **Roofing Systems:** New & Existing Roofs, Flat Concrete Roofs, Asbestos & Brick-bat Coba Finish.
- **Wet Areas:** Bathrooms & Showers, Swimming Pools, RCC Surfaces, External & Internal Wet Surfaces.
- **Large Infrastructure Projects:** Warehouses & Basements, Canals, Dam & Overhead Tanks, Masonry Works & External Protective Coating For Block Works.
- **Other Applications:** Industrial Sheds & Farming Storages.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Screeds), Brick Bat Coba, IPS & Cement Tiles.

SUITABLE PRIMER:

- ASCOPRIME®+ / ASCOPRIME® ULTRA

PRODUCT KEY FEATURES



ULTIMATE
WATERPROOFING



ALGAE
RESISTANT



UV & WEATHER
RESISTANT



PROTECTIVE
MEMBRANE



EXCELLENT
ADHESION

TECHNICAL PROPERTIES (IS 101, ASTM D 1644, D 7234, 6083, EN1062,)



Appearance & Colour	: White / Terracotta / Grey Homogenous Viscous Liquid
Base	: Acrylic Based
Density	: 1.4 ± 0.05 g / cc
Solid Content	: 66 ± 1 %
Elongation	: $\geq 220\%$
Tensile Strength	: ≥ 2 N / mm ²
Touch Dry Time	: 4-6 hours
Re - Coating Time	: 8-12 hours
Crack Bridging	: up to 2 mm width
DFT	: 1.1 mm (2-3 coats)

COVERAGE

8 - 10 ft²/ ℓ / 2 coats

Note: Water dilution is not recommended for this product.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



5 & 20 ℓ

ASCOSHIELD® PU+

Ultra High Performance, Hybrid Polyurethane Based & Fibre Enriched Waterproofing Membrane

ASCOSHIELD® PU+ is a liquid waterproofing membrane made with acrylate PU hybrid polymers & polyacrylonitrile (PAN) micro and nanofibers. It offers outstanding surface heat-reflecting properties, high elasticity, excellent crack-bridging ability & durable waterproofing. Upon application, it forms a seamless, hydrophobic, elastic membrane free from cracks or blisters. Ideal for both new & old structures, it provides long-term protection & dries to a smooth, white coloured finish.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Waterproofing:** Terraces, Basement Walls, Sloped / Flat Roofs, Balconies, Interior & Exterior Walls.
- **Roof Protection:** New & Existing Roofs, Including Brick Bat Coba Finishes, China Mosaic Tile Roofs, IPS, Screed Surfaces & Commercial Box Gutters.
- **Moisture Prone Areas:** Bathrooms, Showers, Swimming Pools & Similar Spaces.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters, Renders & Screeds), Cement Sheets, AAC blocks, Bricks, Brick Bat Coba, IPS & China Chip Substrates.

SUITABLE PRIMER:

- ASCOPRIME®+ / ASCOPRIME® ULTRA

PRODUCT KEY FEATURES



OUTSTANDING SURFACE
HEAT-REFLECTING
PROPERTY



ULTIMATE
WATERPROOFING



UV & WEATHER
RESISTANT



EXCELLENT CRACK
BRIDGING ABILITY



SUPERIOR ANTI-ROOT
PROPERTIES

TECHNICAL PROPERTIES (IS 101, ASTM D 1644, D 624 Type C, 6083, 6083, EN1062)



Appearance & Colour	: White / Coloured Viscous Liquid
Base	: Modified Fiber Enriched Hybrid PU with Acrylite
Density	: 1.30 ± 0.03 g / cc
Solid Content	: 60 ± 1 %
Pull Off Adhesion Strength	: ≥ 2 N / mm ²
Tear Strength	: ≥ 10 N / mm ²
Tensile Strength	: ≥ 2.5 N / mm ²
Re - Coating Time	: 6-8 hours
Crack Bridging	: up to 2 mm
DFT	: 1.1 mm (2-3 coats)
Elongation	: ≥ 500%

COVERAGE

7 - 9 ft² / kg / 2 coats

Coverage may vary depending on the surface type & the specific substrate.

Note: Water dilution is not recommended for this product.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



5 & 20 Kg

ASCOGUARD™

Highly Durable And Elastomeric Acrylic Waterproofing Coating For Exterior Walls

ASCOGUARD™ is a liquid-applied, acrylic emulsion-based elastomeric waterproofing exterior wall coating. It provides anti-carbonation, UV resistance, crack bridging & durable protection of concrete, preventing fungal & algae growth, water seepage & blistering during its service life. Upon curing, It forms a sheen coating & is available in multiple color options.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Wall Applications:** Plastered Walls (Old & New), Stone Walls, Cement Renders, Asbestos Boards & Chajjas.
- **Concrete Surfaces:** New & Old Concrete.
- **Stable Substrates:** AAC Blocks & Bricks, Concrete Blocks & Aluminium Form Work Concrete.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Renders), Cement Sheets, Bricks, Blocks, Existing Paint surface & Textured Plasters.

SUITABLE PRIMER:

- ASCOPRIME®+ / ASCOPRIME® ULTRA

PRODUCT KEY FEATURES



PREVENTS WATER
PENETRATION



ANTI
FUNGAL



UV & WEATHER
RESISTANT



ANTI -
CARBONATION



EXCELLENT ALKALI
RESISTANCE

TECHNICAL PROPERTIES (IS 101, ASTM D 1644, 7234, 412 Type C, EN 1062)

Appearance & Colour	: White / Coloured Viscous Liquid
Base	: Acrylic Emulsion
Density	: 1.27 ± 0.05 g /cc
Solid Content	: $50 \pm 1\%$
pH	: 9 ± 1
Pull Off Adhesion Strength	: ≥ 1.5 N / mm ²
Tensile Strength	: ≥ 2 N / mm ²
Touch Dry Time	: 2-3 hours
Re - Coating Time	: 6-8 hours
Elongation	: $\geq 250\%$
DFT	: 200-250 μ (2-3 coats)

COVERAGE

20 - 22 ft² / ℓ / 2 coats

Note: Water dilution is not recommended for this product.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



5 & 20 ℓ

ASCOGLAZE™

Transparent Waterproofing & Protective Sealer Designed For Inaccessible Areas

ASCOGLAZE™ is an acrylic-based, single-component liquid that flows freely, specially formulated for the efficient waterproofing of hard-to-reach areas. This quick-drying sealer penetrates into the pores with outstanding adhesion, effectively resisting peeling & enhancing durability. **ASCOGLAZE™** is available in a milky white color & transforms into a transparent coating upon drying. It is commonly used on concrete & China mosaic surfaces.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Terraces:** China Mosaic Terrazo.
- **Waterproofing:** Exposed Brick & Block Work.
- **Concrete Surfaces:** Exposed Concrete Walls.
- **Architectural Toppings:** Architectural & Decorative Finishes.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters, Renders & Screeds), Cement Sheets, AAC block, Bricks, Brick Bat Coba, IPS, China Chip Substrate, Glazed Tiles, Natural stones, Mineral & textured plaster surfaces.

PRODUCT KEY FEATURES



IDEAL FOR
UNREACHABLE AREAS



PREVENTS WATER
PENETRATION



UV RESISTANT



FAST
CURING



EXCELLENT ALKALI
RESISTANT

TECHNICAL PROPERTIES (IS 101, ASTM D 1644, D 7234)

Appearance & Colour	: Milky White Liquid
Density	: 1.02 ± 0.02 g /cc
pH	: 8.5 ± 1
Pull Off Adhesion Strength	: ≥ 1 N / mm ²
Re - Coat Time	: 6-8 hours
Light Foot Traffic	: 24 hours
Vehicular Traffic	: 48 hours

COVERAGE

70 - 80 ft² / ℓ / coat

Coverage is based on application by roller/brush over a smooth surface.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



500 ml, 1, 5, 20 & 50ℓ

ASCOPOXY™ DPC

Two Component, High Performance Epoxy Based
Damp-proof Coating

ASCOPOXY DPC™ is a water-based, solvent-free damp-proof coating with zero VOC, made from special epoxy resin & a water-based hardener. Ideal for damp proofing internal walls, it also works as a putty when mixed with OPC-white cement for fine crack filling & serves as a primer for specialized coatings. It effectively waterproofs cementitious surfaces like concrete, screeds & plasters exposed to water, food, or beverages. Available in transparent, white & blue colours.

APPLICATION COMPATIBILITY

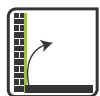
APPLICATION AREAS: (Non - Exposed)

- **Waterproofing:** Barrier/Seal Coating Over Freshly Laid Damp Concrete & Waterproofing Coat In Tanking Applications.
- **Damp-proofing:** RCC water Tanks, Internal Damp Wall Treatment & Functions As A Low Water Vapor Transmission Coating.
- **Sealer:** As a sealer for fresh Screeds & Renders.
- **Crack filler:** Can Be Used As A Putty When Mixed With OPC-white cement to fill fine cracks.
- **Primer:** Can Be Used As A Primer For Specialized Coatings.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds), Cement sheets, Masonry bricks, Blocks, Structural Plywood, Metals, AAC Blocks, Red Bricks, Sand Stone & Concrete Plaster.

PRODUCT KEY FEATURES



**RESISTS RISING
WALL DAMPNES**



**SUPERIOR WATER
RESISTANT COATING**



**DEEP
PENETRATION**



**ANTI
FUNGAL**



**EASILY
COATBLE**

TECHNICAL PROPERTIES (IS 101, 516 - 2018, ASTM D 4541 (Metals), D 7234)



Appearance & Colour	: Part A Resin Part B Hardner (Clear, White, Blue)
Mixing Ratio	: 1:1:1 (Resin : Hardner : Water)
Mix Density	: 1.05 ± 0.03 g / cc (Clear) : 1.25 ± 0.03 g / cc (White) 1.07 ± 0.03 g / cc (Blue)
Pull Off Adhesion Strength	: ≥ 2.5 N / mm ² (Concrete Failure)
Drying Time @ 27 ± 2°C	: 5-6 hours
Pot Life	: 60 ± 10 minutes
Re - Coating Time	: 9 ± 1 hours
DFT	: 75 ± 10 μ (White / Blue) (1 coat) 50 ± 10 μ (Clear) (1 Coat)
VOC	: NIL

COVERAGE

55 - 60 ft² / kg mix / 2 coats (clear)

60 - 65 ft² / kg mix / 2 coats (white)

55 - 60 ft² / kg mix / 2 coats (Blue)

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



1 & 5 Kg Set

ASCOPOXY™ TL 100

Two Part, Food Grade, Hygienic & High Performance Epoxy Tank Lining System

ASCOPOXY™ TL 100 is a two-component, solvent-free tank liner epoxy coating. It is lead-free, food-grade & non-toxic when fully cured. It forms a tough, abrasion-resistant coating with excellent adhesion on various substrates, including concrete & steel. **ASCOPOXY TL™ 100** complies with US FDA norms for drinking water applications & is not affected by contact with edible oil & industrial effluents.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Coating Of Interior Surfaces:** Concrete, Steel, Composite, Reinforced Plastic Tanks Such As Those Used For Storing Potable Water, Chemicals (*Except High Concentration Acids*) & Other Liquids.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds), Metals, Plywood, Cement Sheets & Tiles.

SUITABLE PRIMER:

- ASCOPOXY DPC & ASCOPRIME EP 100

PRODUCT KEY FEATURES



STRONG WATERPROOF COATING



FOOD GRADE



RESISTS DAMPNES



CORROSION & CHEMICAL RESISTANCE



LOW ODOUR & LOW VOC

TECHNICAL PROPERTIES (IS 101,516 - 2018, 6581, FDA 21 CFR 175-300, ASTM D 4541 (Metals), D 7234)



Appearance & Colour	: Part A Coloured Resin Part B Liquid Hardner
Mix Ratio	: 85 : 15 (A - Coloured Resin : B - Liquid Hardener)
Mix Density	: 1.30 ± 0.02 g / cc (White) 1.40 ± 0.02 g / cc (Blue)
Pull Off Adhesion Strength	: ≥ 2.5 N / mm ² (Concrete Failure) using Ascopoxy DPC as primer
Pot Life @ 27 ± 2°C	: 90 ± 10 minutes
Drying Time @ 27 ± 2°C	: 6-7 hours
Re-coating Time	: 10 - 12 hours
Food Grade Certification	: FDA 21 CFR 175.300 - Total Extractives Passes
DFT	: 150 ± 10 μ (Single Coat)

COVERAGE

30 - 35 ft² / kg mix / 2 coats (white)

25 - 30 ft² / kg mix / 2 coats (Blue)

Coverage is for concrete substrate application applied with recommended primer.

SHELF LIFE

12 months from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



5 Kg set

ASCOGLASS™ FR

Alkali Resistant, Durable & Multipurpose Glass Woven Fabric Roll

ASCOGLASS™ FIBER ROLL is a highly durable, flexible, alkali-resistant unidirectional glass woven fabric/mesh coated with liquid acrylic acid copolymer. It boasts excellent properties, including high water resistance, flexibility, softness, resistance to aging & protection against breakdown. **ASCOGLASS™ FIBER ROLL** is widely used for waterproofing in roofing applications, as well as for reinforcement in natural marble, plasterboard & exterior insulation finishing systems (EIFS).

APPLICATION COMPATIBILITY

APPLICATION AREAS:

Waterproofing: Interior & Exterior Waterproofing Systems.

Structural Repairs: Cracks & Reinforcement.

Spectrum Joint Treatment: Plumbing Joints, Electrical Joints, RCC With AAC, RCC With Brick & RCC With Stone.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters), RCC Column, AAC & Masonry.

PRODUCT KEY FEATURES



**EASY & SAFE
TO USE**



**FRACTURE
RESISTANT**



**CORROSION
RESISTANCE**



**ADHERES TO
UNEVEN SURFACES**



**EXCELLENT ALKALI
RESISTANCE**

TECHNICAL PROPERTIES (EN 1170, ETAG004)

Fibre Type	: Glass Woven Alkali Resistant Fiber Mesh
Fabric weight	: GSM - 45, 80, 110, 145 ± 5%
Colour	: White
Tensile Resistance	: ≥ 200 Kn / m
Woven Structure	: Leno
Alkali Resistance	: Yes
Breaking Strength	: ≥ 30 N / mm ² @ 1600 N / 5 cm speed (Both Sides)
Breaking Strength After Alkali Ageing	: ≥ 20 N / mm ² & 50 % retention (Both Sides)
Tensile Strength	: ≥ 1000 N / mm ²

AVAILABLE SIZES

Thickness: 45, 80, 110 & 145 GSM

Roll Size: 1m x 50m

Mesh Size: 5 x 5 mm

SHELF LIFE

3 years from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



ASCOTEX™ GM

Extruded Synthetic Polymer Filaments Based Non Woven
Geotextile Reinforcing Membrane

ASCOTEX™ GM is a mechanically entangled polypropylene filament-based non-woven geotextile membrane produced through heat & pressure welding. It is thermally bonded together to form a stable & durable fabric. **ASCOTEX™ GM** boasts excellent properties, including high water resistance. Geotextiles have specific permeability characteristics that determine their ability to allow water to pass through. **ASCOTEX™ GM** is widely used in waterproofing applications such as drainage systems, retaining walls & soil erosion control.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Surface Preparation Areas:** Levelling Screed Surfaces & Waterproofing Applications.
- **Water Retention Structures:** Dams, Canals & Swimming Pools.
- **Infrastructure:** Drainage Systems, Tunnels & Roofs.
- **Parking & Reinforcement:** Basements, Parking Areas & Reinforcing Underground Construction.

PRODUCT KEY FEATURES



**EASY & SAFE
TO USE**



**HIGHLY
FLEXIBLE**



**ADAPTABLE TO
UNEVEN SURFACES**



**CHEMICAL
RESISTANCE**



**WATER RESISTANT
UP TO 5 mm**

TECHNICAL PROPERTIES (ASTM D 5261, D 4595, D 4632, D 4833, D 4355)

	Ascotex GM 50 GSM	Ascotex GM 120 GSM
Appearance & Colour	: Structured White	: Structured White
Fabric Type	: Non Woven PP Based Fabric	: Non Woven PET Based Fabric
Fabric Weight	: 50 GSM	: 120 GSM
Tensile Strength	: MD ≥ 100 N / 5cm	: MD ≥ 2.6 kn / mtr
	: CD ≥ 17 N / 5cm	: CD ≥ 3.2 kn / mtr
Puncture Resistance	: NIL	: 130 ± 10 N / mm ²
Elongation	: MD 30 ± 10 %	: 50 %
	: CD 100 ± 10 %	: NIL

AVAILABLE SIZES

Roll Size: 800 mm wide x 125 meter

SHELF LIFE

3 years from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



ASCOSEAL® EL BAND ROLL

Water Sealing Flexible Tape For Terrace, Bathroom & Waterbodies

ASCOSEAL® EL BAND ROLL is a pre-formed waterproofing tape made from special elastomers coated with non-woven polypropylene fabric, designed for versatile applications in both internal & external applications. It is ideal for waterproofing walls, floors, wall joints, fractionating joints, corners, cracks & areas affected by slight movement or damage. With its high elasticity across its full width & excellent resistance to alkaline & chlorinated water, it ensures reliable performance in diverse waterproofing scenarios.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

Internal: Wall-floor Junctions, Noise Reduction & Thermal Insulation Through Gaps Etc.

External: Roofing, Swimming Pools, Construction Joints, Crack Repairing & Industrial Warehouse Etc.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Screeds, Renders & Plasters) & Cement Sheets, Etc.

PRODUCT KEY FEATURES



**WATERPROOFING
PROPERTIES**



**HYDROSTATIC
PRESSURE RESISTANT**



**ALKALI
RESISTANT**



**HIGH
ELASTICITY**



EASY TO APPLY

TECHNICAL PROPERTIES (ASTM -D 3776 - 96, EDANA 20.2 -89)

Appearance & Colour	: Grey
Elongation At Break	: 60 ± 5 % (MD), 200 ± 5 % (CD)
Tensile Strength	: ≥ 8.50 N / mm ² (MD), ≥ 1.75 N / mm ² (CD)
Leakage Test	: No Leakage
GSM	: 40 ± 5 gsm

AVAILABLE SIZES

Thickness: 0.45 mm

Roll Size: 10 cm x 20 metre | 10 cm x 50 metre

SHELF LIFE

3 years from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at $27 \pm 2^\circ\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



ASCOSEAL® TAPE ROLL

Self-adhesive Tape For Waterproofing Expansion Joints In Bathrooms, Terraces, And Balconies

ASCOSEAL® TAPE ROLL is a self-adhesive butyl sealing tape made of butyl rubber, used for applications that require high adhesion on materials like concrete or marble with a smooth finish. It is ideal for sealing both internal & external surfaces that need protection against moisture ingress, vibration & flexing. This butyl waterproofing tape is well-suited for waterproofing, roofing & general building applications & is designed to be finished over with adhesives, coatings, or mortars.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Coving Applications:** Bathrooms, Terraces & Balconies.
- **Joints Sealer:** Roof Sheet Joints & Lapped Areas.
- **Junctions Sealer:** Wall / Floor Junctions In Wet Areas.
- **Insulation:** Noise Reduction & Thermal Insulation Through Gaps.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds) Metal, Plywood, Cement Sheet & Tiles.

PRODUCT KEY FEATURES



**IMPERMEABLE
TO WATER**



**OUTSTANDING
ADHESION**



**PEEL & STICK
APPLICATION**



NON-TOXIC



**HIGHLY
FLEXIBLE**

TECHNICAL PROPERTIES (EN 12311-1, 12004 ASTM D 1000)

Appearance	: Grey
Base	: Thermo Plastic Elastomer With Butyl Rubber Backing
Thickness	: 0.8 mm
Solids	: 100 %
Tensile Strength	: $\geq 100 \text{ N / mm}^2$ (Longitudinal And Transverse)
Elongation At Break	: $70 \pm 5 \%$
Peel Adhesion	: $\geq 70 \pm 5 \text{ N / mm}^2$
Pull Out Adhesion	: $\geq 1 \text{ N / mm}^2$
Service Temperature	: $-10 \text{ }^{\circ}\text{C}$ to $+70 \text{ }^{\circ}\text{C}$
Application Temperature	: $+5 \text{ }^{\circ}\text{C}$ to $+45 \text{ }^{\circ}\text{C}$
Alkali Resistance Test	: No Visual Change

AVAILABLE SIZES

Thickness: 0.8 mm

Roll Size: 10 cm x 20 meter (with adhesive) | 10 cm x
50 meter (without adhesive)

SHELF LIFE

3 years from the date of manufacturing in original sealed condition, if stored dry at $+5^{\circ}\text{C}$ to 40°C .

The values are based on laboratory testing at $27 \pm 2^{\circ}\text{C}$. On-site conditions may vary; refer to the company TDS for best results.



ASCOSEAL® PIPE COLLAR

Durable & Multipurpose Pre Formed Sealing System For Critical Pipe Joint Areas

ASCOSEAL® PIPE COLLAR is a durable and elastic NBR sealing solution with a saturated polyester fiber carrier surface, specially designed for critical pipe joint areas. It offers exceptional water resistance, flexibility, softness & protection against ageing & breakdown. With its alkali-resistant properties, it serves as a reliable alternative to traditional bond-breaking methods when used alongside waterproofing membranes & cementitious waterproofing coatings, ensuring robust sealing of pipe joint zones.

APPLICATION COMPATIBILITY

APPLICATION AREAS:

- **Pipe Joint Sealing:** Critical Movement Zones & Core Cutting Areas.
- **Waterproofing & Crack Reinforcement:** Interior & Exterior Applications.
- **Submerged Piping:** Internal, External, Underground & Submerged Piping.

SUITABLE SUBSTRATES:

- Concrete, Cementitious Mortars (Plasters & Screeds) Metals, Plywood & Cement Sheets.

SUITABLE PIPES:

- PVC, CPVC, UPVC, Aluminum & GI

PRODUCT KEY FEATURES



**EASY
TO USE**



**WATER
RESISTANT**



**HIGHLY
FLEXIBLE**



**CORROSION &
CHEMICAL RESISTANCE**



**HIGHLY
VERSATILE**

TECHNICAL PROPERTIES (DIN EN 1931, 1928 (Ver. B), EN ISO 527-3, ASTM D 751, 4068, C 482)

Fibre Type	: Acrylonitrile Butadiene (NBR) Rubber Grey Tape
Elongation	: 300 (Lateral), 70 (Longitudinal)
UV Resistance	: up to 500 hours
Water Resistance	: ≥ up to 2 bar
Burst Strength	: ≥ up to 2 bar
Tensile Strength	: 10 N / mm ² (Transverse Direction) 12 N / mm ² (Longitudinal Direction)
Algae Fungi Resistance	: No Mold Growth In Service Life

AVAILABLE SIZES

Thickness: 0.8 mm

Collar Size: 200 x 200 mm

Collar Diameter: 24, 55, 70 mm

SHELF LIFE

3 years from the date of manufacturing in original sealed condition, if stored dry at +5°C to 40°C.

The values are based on laboratory testing at 27 ± 2°C. On-site conditions may vary; refer to the company TDS for best results.



NOTES

[illegible]



**WALLING
SOLUTIONS**



**WATERPROOFING
SYSTEMS**



**TILE & STONE
INSTALLATION SOLUTIONS**



**STRUCTURAL REPAIRS,
SEALANTS & GROUTS**



**PROTECTIVE
COATINGS**



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