



**ascolite**<sup>®</sup>  
A Better Solution

**WATERPROOFING SYSTEMS**

Experience the ascolite advantage...

The Ascolite advantage is product offerings that are backed by expertise. The insights provided by us combine with cutting-edge service standards, resulting in pampered & content clients.

As Ascolite, we swear by the mantra "Growing Relationships" & have proven dependability in all product offerings.

# SPEED & CONSISTENCY GUARANTEED



## Content

---

### About Us

- ◆ Group Introduction 02
  - ◆ Company Introduction 02
- 

### Primers

- ◆ Ascoprime 04
  - ◆ Ascoprime Super 05
  - ◆ Ascoprime Ultra 06
  - ◆ Ascoprime EP 100 07
  - ◆ Ascoprime EP TL 100 08
- 

### Waterproofing Products

- ◆ Ascoproof IW+ 09
  - ◆ Ascobond 10
  - ◆ Ascobond 450 11
  - ◆ Ascobond AR 12
  - ◆ Ascobond AR 470 13
  - ◆ Ascoseal CL 14
  - ◆ Ascoseal CL II 15
  - ◆ Ascocrete II 16
  - ◆ Ascoflex II 17
  - ◆ Ascoguard Prime 18
  - ◆ Ascoflex Super 19
  - ◆ Ascoshield PU + 20
  - ◆ Ascoguard 21
  - ◆ Ascoglaze 22
  - ◆ Ascopoxy DPC 23
  - ◆ Ascopoxy TL 100 24
  - ◆ Ascopoxy ARC 25
- 

### Waterproofing Accessories

- ◆ Ascoseal Tape Roll / Pipe Collar 26
  - ◆ Ascoglass FR 27
-

## OUR GROUP



### Ascon Group of Developers

Headquartered in Surat (Gujarat) the group has over 4 decades of experience and is a diversified business group, comprising of construction, manufacturing, processing and trading.



#### **Ascolite:**

Since 2012.  
Manufacturing & supplying of building materials.



#### **Ascon Realty:**

Since 1995.  
Developing premium high rise towers in the city of Surat, under the brand 'SURYA'.



#### **Geetatex:**

Since 1980.  
Trading of sarees & dress materials to textile processing & embroidery.

## ABOUT ASCOLITE

# Ascolite®

A Better Solution

## Aswani Industries Private Limited

Ascolite is marketed by Aswani Industries Pvt. Ltd. (formerly known as Aswani Construction Pvt. Ltd.) The introduction of Ascolite was a new direction by the group to vertically growing to building materials from construction.

The first step taken to promote Ascolite was by establishing the largest state-of-the-art Fly Ash Blocks (Aerated Autoclave) manufacturing facility at Surat (Gujarat) & today Ascolite has over 100 products in Walling, Tile-fixing, Waterproofing & Construction Chemicals.

## PRODUCT RANGE

Walling  
Solutions



Screeds, Tiles/Stone  
Adhesives & Grouts



Construction  
Chemicals



Waterproofing  
Systems



Structural Repairs,  
Sealants & Grouts



Protective  
Coatings





# ASCOLITE ADVANTAGE

## Production Capacity

State of the art production facilities for :

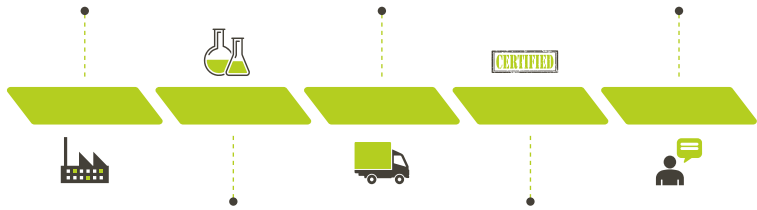
- ◆ Fly Ash Blocks (Aerated Autoclaved)
- ◆ Dry-Mix Products
- ◆ Construction Chemicals

## Own Fleet of Vehicles

Commendable fleet strength of our own, which empowers us to deliver material on time.

## Technical Assistance

The aim of educating industry people on finer aspects of new age construction materials & its application.



## State of the art R & D Lab

Industry edge-cutting, well equipped R & D centre in Surat (Gujarat).

## Quality Certified Products

We take a holistic approach to quality & consistency, which is key to the company's entire philosophy.

# CORE IDEOLOGY



## Core Purpose

To encourage & 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

# CUSTOMERS

Over 500 satisfied customers which include :



Architects, Engineers & PMC



Developers



Contractors



Channel Partners



Retailers



Residential & Commercial



Institutions



Government



Industries



Repairs

# ASCOPRIME

Modified Acrylic Based White Primer For Internal And External Walls

- ◆ **ASCOPRIME** is an advanced acrylic primer having excellent adhesion and sealing qualities for exterior use on new or previously painted surfaces.
- ◆ **ASCOPRIME** seals the nonporous surface and it improves the bonding of the exterior coatings or all types of water based paints to the substrates.

## RECOMMENDED APPLICATIONS

- ◆ New and maintenance work
- ◆ For concrete, mortar & renders
- ◆ Old & New internal walls
- ◆ Old & New external walls

## KEY FEATURES & BENEFITS



Seals porous surface and makes the surface waterproof



Excellent adhesion



Fast drying



Can be used on internal or external surface

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 412, 1227)

<b>Appearance</b>	: Milky White Liquid which becomes white on drying
<b>Specific Gravity</b>	: $1.05 \pm 0.05$ Kg / $\ell$
<b>Solids</b>	: $23 \pm 2$ %
<b>Pull Out Adhesion Strength</b>	: $\geq 1$ N/mm <sup>2</sup> ( Concrete Failure )
<b>pH</b>	: $9 \pm 1$
<b>DFT</b>	: $75 \pm 25$ Micron

## COVERAGE

70 - 80 ft<sup>2</sup> / Coat /  $\ell$

(subject to substrate conditions)

Dampen the surface by sprinkling water for better coverage.

## SHELF LIFE

12 months from the date of manufacturing

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging :

Available in 1 $\ell$ , 5 $\ell$  Jerry Can, & 20 $\ell$

# ASCOPRIME SUPER

Modified Latex Based Primer and  
Highly Penetrating Sealer

- ◆ **ASCOPRIME SUPER** is an advanced latex based synthetic primer having excellent adhesion and sealing qualities for exterior and interior use on any new or old clean concrete surfaces. It fully seals the porous surfaces and improves the adhesion of **ASCOFLEX SUPER** with the substrates.

## RECOMMENDED APPLICATIONS<sup>1</sup>

- ◆ New and maintenance work
- ◆ Residential and commercial sites
- ◆ Concrete, stucco, masonry, screed, plaster surfaces
- ◆ Retaining Wall

## KEY FEATURES & BENEFITS



Seals porous surfaces and makes it waterproof



Excellent adhesion with concrete



Fast drying and excellent dual bonding



Suitable for internal surfaces

## TECHNICAL SPECIFICATIONS<sup>1</sup>

<b>Appearance</b>	: Turbid Bluish Grey Liquid
<b>Specific Gravity</b>	: 1.01 ± 0.05 Kg / ℓ
<b>Pull Out Adhesion Strength</b>	: > 1.5 N/mm <sup>2</sup> (concrete failure)
<b>DFT</b>	: 75 ± 25 Micron

## COVERAGE

55 - 65 ft<sup>2</sup> / coat / ℓ  
(subject to substrate conditions)

## SHELF LIFE

12 months from the date of  
manufacturing

*<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.*



**Packaging** : Available in  
1ℓ bottle, 5ℓ jerry can, & 20ℓ bucket

# ASCOPRIME ULTRA






Acrylate Dispersion Polymer Based  
Penetrating Multipurpose Primer & Sealer Coat

- ◆ **ASCOPRIME ULTRA** is an advanced acrylate dispersion polymer based sealer coat having excellent adhesion and sealing qualities for exterior & interior use on new concrete , RCC , mortar or previously painted surfaces.
- ◆ It seals the porous surface and it improves the bonding of the exterior coating.
- ◆ Advanced technology acrylate terpolymer latex primer.

## RECOMMENDED APPLICATIONS<sup>1</sup>

- ◆ Concrete repair and maintenance work
- ◆ Residential, commercial and industrial sites
- ◆ RCC, PCC, stucco, masonry, gypsum, granite, stone, slate, marble, terrazzo, vitrified tiles and painted surfaces
- ◆ Additive for render & mortar

## KEY FEATURES & BENEFITS

-  Seals porous surfaces and makes it waterproof
-  Excellent adhesion on RCC , mortar and screed
-  Quick drying
-  Recommended for internal or external surfaces
-  Stops efflorescence and leaching of the concrete

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 412)

<b>Appearance &amp; Base</b>	: Milky White Liquid which becomes transparent on drying
<b>Specific Gravity</b>	: 1.03 ± 0.05 Kg / ℓ
<b>Solids</b>	: ≥ 23 ± 2 %
<b>Pull Out Adhesion Strength</b>	: ≥ 1 N/mm <sup>2</sup> (concrete failure)
<b>pH</b>	: 9 ± 1
<b>DFT</b>	: 75 ± 25 Micron

## COVERAGE

60 - 70 ft<sup>2</sup> / coat / ℓ  
(subject to substrate conditions)

## SHELF LIFE

12 months from the date of manufacturing

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
5ℓ jerry can, & 20ℓ bucket



# ASCOPRIME EP

Solvent Free Epoxy  
Primer / Sealer

- ◆ **ASCOPRIME EP** is a two-component, low VOC, epoxy primer designed for maximum adhesion & corrosion resistance to properly prepared substrates.
- ◆ **ASCOPRIME EP** is suitable for properly prepared carbon steel, stainless steel, concrete & galvanised steel. It can also be used as a stand alone sealer/dust proofer on concrete floors.

## RECOMMENDED APPLICATIONS<sup>1</sup>

- ◆ Any commercial or residential area.
- ◆ Epoxy & polyurethane floor coverings.
- ◆ Monolithic floor toppings such as cement-sand screed, mortar & epoxy screed which includes warehouses, manufacturing facilities, automotive showrooms, garage floors etc.
- ◆ Can be used in internal & external applications.
- ◆ Metal Substrates

## KEY FEATURES & BENEFITS



Solvent free



Non sanding



Exhibits excellent mechanical strength



Maximum corrosion resistance



Easy to use with brush, roller or spray

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 412, 695, ASTM C 190)

<b>Appearance</b>	: Part A - Translucent Liquid resin Part B - Light Yellow to Amber Liquid hardener
<b>Mixing Ratio</b>	: 2 : 1 (By Weight)
<b>Density</b>	: 1.05 ± 0.02 Kg / ℓ
<b>Shear Bonding Strength</b>	: ≥ 5 N/mm <sup>2</sup> (7 days)
<b>DFT</b>	: 125 ± 25 Micron
<b>Adhesion to Concrete</b>	: ≥ 3 N/mm <sup>2</sup> (substrate failure)

## COVERAGE (Part A & B Mixed)

70 - 75 ft<sup>2</sup> Coat / Kg  
(subject to substrate conditions)

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
3, 6 & 15 Kg Bucket

# ASCOPRIME EP TL 100







Heavy Duty 2 Part Filterized Epoxy Primer & Sealer for The Pre-treatment of The Tank Liner Coat

- ◆ **ASCOPRIME EP TL 100** is a two-component, low VOC, epoxy primer designed for maximum adhesion & corrosion resistance to properly prepared substrates.
- ◆ It can be used as primer as a part of a complete system in atmospheric and also immersed environment. It is suitable for properly prepared carbon steel, stainless steel, concrete and galvanized steel.

## RECOMMENDED APPLICATIONS

- ◆ New & Old surfaces of water tank
- ◆ Residential and commercial sites
- ◆ Concrete, stucco, masonry, screed, plaster surfaces
- ◆ New & Old concrete
- ◆ Glazed Tiles

## KEY FEATURES & BENEFITS

-  Low VOC
-  Non sanding
-  Exhibits excellent mechanical strength
-  Maximum corrosion resistance
-  Easy to use with brush, roller or spray application
-  Excellent adhesion with concrete, plaster, screed, metal

## TECHNICAL SPECIFICATIONS (Complies to ASTM D 412, 695, ASTM C 190, EN 13892-8:2004)

<b>Appearance</b>	: Part A - Off White Smooth Resin Part B - Free Flowing Off White Hardener
<b>Mixing Ratio</b>	: 2 : 1 (By Weight)
<b>Pot Life</b>	: 6 to 7 hours
<b>Workability</b>	: 2 to 3 hours
<b>Mixed Density</b>	: $1.30 \pm 0.05 \text{ Kg} / \ell$
<b>Adhesion Strength</b>	: $\geq 3.0 \text{ N/mm}^2$ @ 7days (substrate failure)
<b>Shear Bonding Strength</b>	: $\geq 5 \text{ N/mm}^2$ (ASTM C 190)
<b>Dry Film Thickness</b>	: $150 \pm 25 \text{ Micron}$
<b>Wet Film Thickness</b>	: $200 \pm 25 \text{ Micron}$

## COVERAGE (Part A & B Mixed)

40 - 45 ft<sup>2</sup> / Coat / Kg  
(subject to substrate conditions)

## SHELF LIFE

12 months from the date of manufacturing.

*<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.*



Packaging : Available in  
6 & 15 Kg Bucket

# ASCOPROOF IW+ Integral Liquid Waterproofer for Concrete, Mortar & Renders






- ◆ **ASCOPROOF IW+** Integral liquid waterproofer is a liquid additive that provides long term protection from water damage to mortar, concrete, structures below ground level, renders and screeds by dramatically reducing water permeability.
- ◆ It is a blend of specialized active ingredients to minimize permeability, which increases the concrete's waterproofing property.

## RECOMMENDED APPLICATIONS

### Waterproofing Admixture

- ◆ Underground tank, basements etc.
- ◆ Render, screeds, mortar (plasters)
- ◆ Terrace, swimming pool, water tank, tunnel, canal, slopping roof areas etc.
- ◆ External plastering work in residential & industrial structures
- ◆ Waterproofing admixture for bathroom, toilet, balcony, sumps & drains.

## KEY FEATURES & BENEFITS

-  Reduces surface absorption
-  Reduces water permeability of concrete and mortar mixes
-  Increases compressive strength
-  Increases durability of the mortar/concrete
-  Improves workability

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to IS 9103 - 1999 and IS 2645- 2003)

<b>Appearance &amp; Base</b>	: Brown liquid, specialized active ingredients
<b>Specific Gravity</b>	: $1.10 \pm 0.02$ Kg / ℓ
<b>pH</b>	: $9 \pm 2$
<b>Chloride Content</b>	: < 0.02 %
<b>Water Permeability</b>	: Pass
<b>Compressive Strength</b>	: $\geq 5 - 10$ % compared to control mix

## DOSAGE

150 ml with water /  
50 Kg of Cement Bag

## SHELF LIFE

12 months from the date of  
manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in 150 ml,  
1, 5, 20, 50 & 200ℓ

# ASCOBOND

Latex Waterproofing Additive & Multipurpose Adhesion Enhancer

- ◆ **ASCOBOND** is a styrene butadiene copolymer latex providing excellent bonding & penetrating properties in concrete & masonry surfaces.
- ◆ **ASCOBOND** may be incorporated in cementitious renders, screeds or patching mixes to improve adhesion, water resistance & abrasion resistance.

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : Bonding for old to new concrete, plaster & gypsum etc.
- ◆ **Waterproofing** : Sunk slab, wash area, balconies, roofs/terrace water tank etc.
- ◆ **Structural Repairs** : RCC repairs, re-plaster, crack repairs, masonry, screeds, etc.
- ◆ **Tile Fixing** : Additive for fixing of tiles, stones, bricks etc.

## KEY FEATURES & BENEFITS



Excellent bonding agent



Minimizes cracks in concrete, stucco and plaster when used as an admixture



Highly versatile and can be used easily for a variety of applications



Greatly improves adhesion with substrate



Non corrosive & Non toxic

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies ASTM C 109, Type II, BS 6319, EN 934 - 2, EN 12190, EN 1542)

<b>Appearance &amp; Base</b>	: SBR based modified viscous liquid
<b>Colour</b>	: Milky white
<b>Specific Gravity</b>	: 1.05 ± 0.02 Kg / ℓ
<b>pH</b>	: 11 ± 1
<b>Chloride Content</b>	: Nil
<b>Solids Content</b>	: ≥ 38.0 %
<b>Compressive Strength</b>	: ≥ 3.0 N/mm <sup>2</sup> @ 28 days
<b>Adhesion Strength</b>	: ≥ 2.00 N/mm <sup>2</sup> @ 28 days (Concrete Failure)
<b>Mix Design</b>	: 1 : 8 : 24 : 2.5 - Ascobond : OPC : Graded sand : Water

## COVERAGE

- ◆ As a bonding slurry 44-55 ft<sup>2</sup> at th mixing ratio (1:1) with cement.
- ◆ As a waterproofing slurry coat 25-35 ft<sup>2</sup> at the mixing ratio (1:1) with cement for 2 coats.
- ◆ Subject to mix for other applications.

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in 500 ml, 1, 5, 20, 50 & 200ℓ



# ASCOBOND

**450** SBR Latex Based Bonding Agent & Waterproofing Additive

- ◆ **ASCOBOND 450** is a styrene butadiene rubber latex based material, designed to improve the waterproofing, bonding, physical properties & integrity of cementitious mortars, screeds and concrete.
- ◆ **ASCOBOND 450** also acts as a bonding agent/sealer to concrete, plaster or other porous substrates.

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : Bonding for old to new concrete, plaster & gypsum etc.
- ◆ **Waterproofing** : Toilets, balconies, terrace, basement wall & water tank etc.
- ◆ **Structural Repairs** : Reconstruction work, concrete repairs, replaster, masonry, parking, bridge deck etc.
- ◆ **Tile Fixing** : Additive for fixing of tiles, stones, bricks etc.

## KEY FEATURES & BENEFITS



Highly versatile



Enhances the flexural and tensile strength



Waterproof cementitious systems



Reduces shrinkage cracking



Improves strength & durability of mortar

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM C 1059 Type II)

<b>Appearance &amp; Base</b>	: SBR Based Modified viscous liquid
<b>Colour</b>	: Milky white
<b>Specific Gravity</b>	: $1.10 \pm 0.02$ Kg / ℓ
<b>pH</b>	: $11 \pm 1$
<b>Solids</b>	: $\geq 45$ %
<b>Compressive Strength</b>	: $\geq 3.0$ N/mm <sup>2</sup> (Concrete Failure)
<b>Adhesion Strength</b>	: $\geq 2.10$ N/mm <sup>2</sup> (Concrete Failure)
<b>Mix Design</b>	: 1 : 8 : 24 : 2.5 - Ascobond 450 : OPC : Graded sand : Water

## COVERAGE

- ◆ As a waterproofing/bonding slurry 75 - 85 ft<sup>2</sup> at the mixing ratio (1 : 5 : 8) with cement & water in 2 coats.
- ◆ Subject to mix for other applications.

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in 500 ml, 1, 5, 20, 50 & 200ℓ

# ASCOBOND AR

Multipurpose Acrylic Bonding Agent  
& Surface Protecting System for Concrete

- ◆ **ASCOBOND AR** is a multipurpose acrylic latex liquid bonding agent with concrete, plaster, cement screeds and renderings to various types of surfaces.
- ◆ **ASCOBOND AR** can also be used to strengthen the various rendering mixes. When it mixed with a cement/sand or aggregate combination, it becomes an effective patching & topping mortar.

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : High adhesion on absorbent substrates, concrete, mortar and gypsum, non porous and polishing substrates
- ◆ **Waterproofing** : Toilets, balconies, roofs, terrace, swimming pool, basement wall & water tank etc.
- ◆ **Structural Repairs** : Concrete repairs, re-plaster, masonry, stucco, screeds, etc.
- ◆ **Tile Fixing** : Additive for fixing of tiles, stones, bricks etc.

## KEY FEATURES & BENEFITS



Excellent bonding agent



Minimizes cracks in concrete, stucco & plaster when used as an admixture



Highly versatile, non degradable by permanent contact with water or alkalinity from concrete



UV resistant and weather resistant



Non - toxic

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM C 882-87 IS 101 & 516)

<b>Appearance &amp; Base</b>	: Acrylic co-polymer viscous liquid
<b>Colour</b>	: Milky white
<b>Specific Gravity</b>	: 1.02 ± 0.02 Kg / ℓ
<b>pH</b>	: 8 - 9
<b>Solids</b>	: ≥ 34 %
<b>Tensile Strength</b>	: ≥ 2.0 N/mm <sup>2</sup> (Concrete Failure)
<b>Adhesion strength</b>	: ≥ 1.5 N/mm <sup>2</sup> (Concrete Failure)
<b>Water Resistance</b>	: Upto 2 bar pressure
<b>Mix Design</b>	: 1 : 2.5 : 7 - Ascobond AR : OPC : Graded sand

## COVERAGE

- ◆ As a waterproofing Slurry : 20-22 ft<sup>2</sup> at the mixing ratio (1:2) with Ascobond AR & OPC in 2 Coats.
- ◆ Subject to mix for other applications

## SHELF LIFE

12 months from the date of manufacturing.



Packaging : Available in 500 ml,  
1, 5, 20, 50 & 200ℓ

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.

# ASCOBOND AR 470

Multi Purpose Acrylic Bonding Agent & Additive for Repair & Waterproofing

- ◆ Modified acrylic latex based liquid bonding agent which is extremely versatile & used for cement mortar patching & resurfacing.
- ◆ **ASCOBOND AR 470** increases the compressive, tensile & flexural strengths of mortars & reduces the water/cement ratio.

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : Bonding for old to new concrete, plaster & gypsum etc.
- ◆ **Waterproofing** : Toilets, balconies, terrace, basement wall & water tank etc.
- ◆ **Structural Repairs** : Concrete repairs, re-plaster, masonry, stucco, screeds, etc.
- ◆ **Tile Fixing** : Additive for fixing of tiles, stones, bricks etc.
- ◆ **Anticorrosion** : Protection of reinforcements in concrete repairs (1:1 with cement by volume)

## KEY FEATURES & BENEFITS



Minimizes cracks in concrete, stucco and plaster when used as an admixture



Eliminates the need for separate air-entraining agents



Highly versatile and can be used easily



Greatly improves adhesion to substrate, for a variety of applications



Ultimate Strength

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to BS 6318, IS 101, IS 2645, ASTM D 2370)

**Appearance & Base** : Acrylic co-polymer (Semi Liquid)

**Colour** : Milky white

**Specific Gravity** : 1.03 ± 0.02 Kg / ℓ

**pH** : 8 - 9

**Solids** : ≥ 47 %

**Tensile Strength** : ≥ 3.7 N/mm<sup>2</sup> (Concrete Failure)

**Adhesion strength** : ≥ 5.5 N/mm<sup>2</sup> (Concrete Failure)

**Mix Design** : 1 : 2.5 : 7 - Ascobond AR 470 : OPC : Graded sand

## COVERAGE

- ◆ As a waterproofing / bonding slurry 75 - 85 ft<sup>2</sup> at the mixing ratio (1:5:8) with cement & water in 2 coats.
- ◆ Subject to mix for other applications.

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in 500 ml, 1, 5, 20, 50 & 200ℓ

# ASCOSEAL CL

Single Part, Penetrating Crystalline powder for Waterproofing Coating

- ◆ **ASCOSEAL CL** is a single component cement based penetrating crystalline waterproofing coating formulated from special additives. Once cured, it becomes a suitable and maintenance free durable waterproof coating for use on concrete substrates.
- ◆ **ASCOSEAL CL** reacts with moisture & free lime in the concrete, creating thousands of insoluble crystalline pixels which fill the pores.

## RECOMMENDED APPLICATIONS<sup>1</sup>

- ◆ Water tanks, Swimming pools and cooling towers
- ◆ Tunnels, galleries, basements & elevator pits subjected to high water pressure.
- ◆ Water treatment plants, settling tanks, dams, facades, wall faces
- ◆ Waterproofing of thermal power plants.
- ◆ Parking Areas, Reservoirs

## KEY FEATURES & BENEFITS



Excellent sealing properties



Applicable on wet/moist surfaces



Most effective against high hydrostatic pressure



Seals hairline & Shrinkage cracks up to 3 mm



Resistant to aggressive salty environment sites

## TECHNICAL SPECIFICATIONS

(Complies to EN 1015 - 11 & 12 & IS 9165, ASTM D 5385, ASTM D 4541)

<b>Appearance</b>	: Light grey free flowing powder
<b>Bulk Density</b>	: $900 \pm 100$ Kg / $\ell$
<b>Chloride</b>	: Nil
<b>Permeability To Water</b>	: Nil
<b>Adhesion on Concrete (Pull Out)</b>	: $\geq 2$ N/mm <sup>2</sup> (28 Days)
<b>Mixing Ratio</b>	: Vertical - 3 : 2 (Asco seal CL: Water) Horizontal - 2 : 1 (Asco seal CL: Water)
<b>Hydrostatic Pressure Resistance</b>	: 5 Bar Pressure

## COVERAGE

- ◆ 0.15 Kg / ft<sup>2</sup> / Coat
- ◆ 0.25 Kg / ft<sup>2</sup> / 2 Coats

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



**Packaging :**  
Available in 20 Kg Liner Bags



# ASCOSEAL CL II

Two Component Crystalline Water Impermeable Coating for Positive and Negative Sides

- ◆ **ASCOSEAL CL II** is two component fast setting cement based crystalline coating formulated from special additives. Once cured, it becomes a suitable & maintenance free durable coating for use on concrete structures.

## RECOMMENDED APPLICATIONS

- ◆ Water proof coat of basement and below level sites.
- ◆ Waterproofing of un-bonded and floating screeds.
- ◆ Waterproofing of tunnels, galleries, swimming pools and elevator pits subjected to high water pressure.
- ◆ Waterproofing and protection of concrete in water treatment plants, setting tanks, dams, facades, wall faces, AAC blocks and prefabricated panels.
- ◆ Waterproofing of very big multi storey structures.

## KEY FEATURES & BENEFITS



Excellent grouting properties



Applicable on wet/moist surfaces



Most effective against high hydrostatic pressure



Seals hairline & Shrinkage cracks up to 3 mm



Resistant to aggressive salty environment sites

## TECHNICAL SPECIFICATIONS (Complies to EN 1015-11, 1015-12 and ASTM D 4060, ASTM D 5385)

<b>Appearance</b>	: Part A: Light grey free flowing powder Part B: White colored
<b>Mixed Density</b>	: $1.80 \pm 0.05 \text{ Kg} / \ell$
<b>Permeability To Water</b>	: Nil
<b>Adhesion on Concrete (Pull Out)</b>	: $> 1.5 \text{ N/mm}^2$
<b>Mixing Ratio</b>	: Coating - (1 : 4 : 1 - A : B : Water) Grouting - (1 : 4 : 3 - A : B : Water)
<b>Hydrostatic Pressure Resistance</b>	: 10 Bar Pressure

## COVERAGE

- ◆ 80 - 90  $\text{ft}^2$  / coat  
@ 1 : 4 : 1 - A : B : Water

## SHELF LIFE

06 months from the date of manufacturing.

*The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.*



Packaging : Available in  
5 Kg + 20 Kg Set

# ASCOCRETE II






2 Part, Acrylic Based Cementitious  
Brushable Waterproof Coating

- ◆ Two part acrylic modified underlayment cementitious coating, mixed at site for easy application which can be applied by roller or brush on horizontal and vertical surfaces.
- ◆ **ASCOCRETE II** dries to a tough flexible layer of modified cement with excellent waterproofing properties.
- ◆ Recommended for internal & external structural waterproofing of concrete & plaster substrates.

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : Bonding for old to new concrete, plaster & gypsum etc.
- ◆ **Wet Areas** : Bathrooms, sunks, laundries, toilets, spas etc.
- ◆ **External (non-exposed)** : Balconies, terrace, roofs, decks, windows flashings, pods etc.

## KEY FEATURES & BENEFITS

-  Applied simply and quickly in two or more layers
-  Excellent bonding to slightly wet surfaces without priming
-  Protects constructions from the corrosive effects of humidity
-  Crack - bridging ability
-  Excellent Waterproofing properties

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Conforms to IS 101, 2645, 2165 & ASTM D 2370)

<b>Appearance &amp; Base</b>	: Part A - Polymerised cementitious powder Part B - Acrylic co-polymer
<b>Colour</b>	: Part A - Grey powder, Part B - Milky white
<b>Recommended Thickness</b>	: 1.1 mm DFT
<b>Elongation</b>	: ≥ 60 %
<b>Crack Bridging</b>	: Upto 1 mm width
<b>Tensile Strength</b>	: ≥ 2.5 N/mm <sup>2</sup> (Concrete Failure)
<b>Adhesion strength</b>	: ≥ 1.75 N/mm <sup>2</sup> (Concrete Failure)
<b>Water Resistance</b>	: Upto 3 bar pressure
<b>Mixing Ratio</b>	: 3 : 1 (Part A : Part B)

## RECOMMENDED PRIMER

Ascoprime Ultra

## COVERAGE

90 - 100 ft<sup>2</sup> / 2 coats / 20 Kg Set

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
4 Kg & 20 Kg Box Pack

# ASCOFLEX II

2 - Part, Highly Elastic, Crack Bridging Waterproofing Membrane

- ◆ **ASCOFLEX II** is an elastomeric, 2-part, highly flexible & elastomeric waterproofing membrane.
- ◆ Consists of a polymer modified cemented powder, acrylic fibers, binders etc. (Component A) and high solids acrylic resin emulsion (Component B).

## RECOMMENDED APPLICATIONS

- ◆ **Bonding Slurry** : Bonding for old to new concrete, plaster & gypsum etc.
- ◆ **Tanking** : Retaining walls, landscaped areas, ponds, swimming pools, water tank etc.
- ◆ **Most Stable Surfaces** : Blacks, brick, concrete, renders etc.
- ◆ **Wet Areas** : Bathrooms, sunks & non-sunks, laundries, toilets, spas etc.
- ◆ **External (non-exposed)** : Balconies, terrace, roofs, decks, windows flashings, podiums, planters etc.

## KEY FEATURES & BENEFITS



Highly impermeable against water ingress, & prevents carbonation



Excellent bonding with concrete, masonry, ceramics & common substrates



Accommodates mild movements and hairline cracks



Flexible and elastic membrane with high abrasion resistance



UV stable

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 2370, IS 101, IS 2645)

<b>Appearance &amp; Base</b>	: Part A - Polymerized cementitious powder Part B - Modified acrylic polymer
<b>Colours</b>	: Part A - Grey & White powder Part B - Milky white
<b>Recommended Thickness</b>	: 1.2 mm DFT (Can be achieved in 2 Coats)
<b>Elongation</b>	: $\geq 150\%$
<b>Crack Bridging</b>	: Up to 2 mm width
<b>Tensile Strength</b>	: $\geq 2.5 \text{ N/mm}^2$ (Concrete Failure)
<b>Adhesion to concrete</b>	: $\geq 2.0 \text{ N/mm}^2$ (Concrete Failure)
<b>Water Resistance</b>	: Upto 5 bar pressure
<b>Mixing Ratio</b>	: 2.5 : 1 (Part A : Part B)

## RECOMMENDED PRIMER

Ascoprime Ultra

## COVERAGE

75 - 85 ft<sup>2</sup> / 2 coats / 17.5 Kg Set

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging :  
Available in 17.5 Kg Box Pack

# ASCOGUARD PRIME






Highly Acrylic Polymer Modified, Fiber  
Enriched Elastomeric Roofing Membrane

- ◆ **ASCOGUARD PRIME** is a specially developed fiber enriched, elastic and resilient permanent elastomeric membrane which is used for roof waterproofing with excellent thermal barrier, which can withstand structural movements.
- ◆ It provides the benefits of a durable sheet membrane with the unique feature of a multi-layer seamless finish, eliminating joints, overlaps & other risk points associated with welding & abutting traditional sheet membrane systems.

## RECOMMENDED APPLICATIONS

- ◆ **Existing Surface** : Corrugated roof, slab, chajjas, balconies, parapet.
- ◆ **External** : Facades
- ◆ **Tanking** : Fountains, Shower pans
- ◆ **Most Stable Surfaces** : Blocks, brick, concrete, renders etc.
- ◆ **Commercial** : Airport, mall, office building, restaurant, dairy, brewery, food processing, etc.

## KEY FEATURES & BENEFITS

-  High elasticity
-  Excellent adhesion
-  Seamless, durable & tough
-  High tensile strength
-  UV resistant and thermal barrier

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies ASTM D 412, 451, C 836 & BS EN 12390)

<b>Appearance &amp; Base</b>	: Lump free white viscous liquid
<b>Colour</b>	: White, grey, terracotta & yellow
<b>Recommended Thickness</b>	: 1.1 mm DFT (in 2 coats)
<b>Elongation</b>	: $\geq 200\%$
<b>Crack Bridging</b>	: Upto 2 mm width
<b>Tensile Strength</b>	: $\geq 2.6$ N/mm <sup>2</sup>
<b>Adhesion Strength</b>	: $\geq 1.0$ N/mm <sup>2</sup>
<b>Water Resistance</b>	: Upto 7 bar pressure
<b>Thermal Insulation</b>	: 4° - 5° C

## RECOMMENDED PRIMER

Ascoprime Ultra

## COVERAGE

20 - 25 ft<sup>2</sup> / Kg / 2 coats

## SHELF LIFE

12 months from the date of manufacturing.

*<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.*



**Packaging :**  
Available in 5 & 20 Kg

# ASCOFLEX SUPER

Elastomeric Liquid Applied  
Damp Proofing Membrane

- ◆ **ASCOFLEX SUPER** is a thin load bearing membrane composed of a modified synthetic elastomeric copolymer with excellent elongation properties and high strength.
- ◆ The crack bridging membrane is used for long-lasting waterproofing.

## RECOMMENDED APPLICATIONS

- ◆ **Wet Areas** : Bathrooms, laundries, toilets, spas etc.
- ◆ **External (non Exposed)**: RCC structure, cooling tower
- ◆ **Tanking** : Retaining walls, landscaped areas, ponds, swimming pools, water tanks etc.
- ◆ **Most Stable Surfaces** : Blocks, brick, concrete, renders etc.

## KEY FEATURES & BENEFITS



Excellent Adhesion



Economical, easy applicable and ecofriendly



Seamless flexible membrane with good breathability



Anti-root properties with excellent durability

## TECHNICAL SPECIFICATIONS<sup>1</sup>

<b>Appearance &amp; Base</b>	: Viscous Liquid, Modified synthetic polymer latex
<b>Colour</b>	: Pre-application: Dark blue Post-application: Black
<b>Recommended Thickness</b>	: 600 micron (2 Coats)
<b>Elongation</b>	: $\geq 400\%$
<b>Crack Bridging</b>	: 1.5 mm width
<b>Tensile strength</b>	: $\geq 2.5 \text{ N/mm}^2$
<b>Adhesion to Concrete</b>	: $\geq 1.5 \text{ N/mm}^2$
<b>Water Resistance</b>	: Upto 5 bar pressure
<b>Recommended Primer</b>	: Ascoprime super

## RECOMMENDED PRIMER

Ascoprime Super

## COVERAGE

20 - 25 ft<sup>2</sup> Kg / 2 coats  
(do not dilute with water)

## SHELF LIFE

12 months from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging :  
Available in 5 & 20 Kg

# ASCOSHIELD

**PU+** Hybrid Polyurethane Based  
Liquid Applied Waterproofing Membrane

- ◆ **ASCOSHIELD PU+** is specially formulated with modified acrylic PU polymers, additives and micro fibers. It is a liquid applied, highly elastic, cold applied and cold curing, crack bridging polyurethane membrane used for long-lasting waterproofing.
- ◆ When **ASCOSHIELD PU+** is applied on substrate, it forms a hydro phobic, 100% waterproofing, permanent elastic, seamless membrane without joints or leak possibilities.

## RECOMMENDED APPLICATIONS

- ◆ Waterproofing of basement walls, slope/flat roofs & balconies
- ◆ New & existing roofs, brick bats, IPS & commercial box gutters
- ◆ Ideal for all wet areas like bathrooms, showers, swimming pool etc.
- ◆ Waterproofing & protection of concrete constructions
- ◆ Brick, stone, unglazed ceramic tiles, wooden structure, metal & painted substrates

## KEY FEATURES & BENEFITS



Excellent adhesion



UV resistant and weather resistant



Easy & Economical application



Excellent Crack bridging



High Service temperature

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM C 836, ASTM D 412, IS 101, IS 2645)

<b>Appearance</b>	: Polyurethane modified, fiber enriched hybrid viscous liquid
<b>Colour</b>	: White, Grey, Terracotta & Yellow
<b>Recommended Thickness</b>	: 1.1 mm DFT (2 Coats)
<b>Elongation</b>	: $\geq 500\%$
<b>Crack Bridging</b>	: Upto 2 mm width
<b>Tensile Strength</b>	: $\geq 2.9 \text{ N/mm}^2$
<b>Adhesion strength</b>	: $\geq 2.5 \text{ N/mm}^2$
<b>Water Resistance</b>	: Upto 7 bar pressure
<b>Recommended Primer</b>	: Ascoprime Ultra

## RECOMMENDED PRIMER

Ascoprime Ultra

## COVERAGE

10 - 12 ft<sup>2</sup> / Kg / 2 coat  
(do not dilute with water)

## SHELF LIFE

12 from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



**Packaging :**  
Available in 5 & 20 Kg

# ASCOGUARD

Single Pack, High Performance  
Elastomeric Acrylic Coating

- ◆ **ASCOGUARD** is a liquid applied acrylic emulsion based elastomeric coating. It can be applied as a waterproofing membrane or as a crack bridging paint on walls.
- ◆ Formulated using proven elastomeric acrylic resin to provide long term durability and maximum protection for concrete and metal surface.
- ◆ **ASCOGUARD** is green building friendly as it is designed to ensure low VOC and further provides anticarbonation properties.

## RECOMMENDED APPLICATIONS

- ◆ **Existing Surface** : Plasters, asbestos boards, chajjas, natural stones etc.
- ◆ **External** : New/old concrete walls, plastered walls, roofs, windows flashings etc.
- ◆ **Most Stable Surfaces** : Blocks, brick, concrete, renders etc.

## KEY FEATURES & BENEFITS



Adequate where effective waterproofing required



High Elasticity



Excellent alkali, fungal and UV resistance



High stability & dual bonding strength



Excellent performance on old painted & new surfaces

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 412, C 836 & BS EN 12390)

<b>Appearance &amp; Base</b>	: Acrylic emulsion semi liquid
<b>Colour</b>	: White & selected colours
<b>Recommended Thickness</b>	: 150 micron DFT / Coat
<b>Elongation</b>	: $\geq 250\%$ @ 250 Micron
<b>Crack Bridging</b>	: Upto 2 mm width
<b>Tensile Strength</b>	: $\geq 2.5$ N/mm <sup>2</sup>
<b>Adhesion Strength</b>	: $\geq 1.5$ N/mm <sup>2</sup>

## RECOMMENDED PRIMER

Ascoprime Ultra / Ascoprime

## COVERAGE

40 - 45 ft<sup>2</sup> / Kg / Coat

## SHELF LIFE

12 from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging :  
Available in 5 & 20l



# ASCOGLAZE

A Clean Waterproofing & Protective Sealer for Unreachable Areas

- ◆ Specially formulated as a clear waterproofing sealer which is ideal for use on exterior, vertical & horizontal surfaces. This fast drying sealer has excellent adhesion & durability that resists peeling.
- ◆ **ASCOGLAZE** is typically applied over concrete surfaces but may also be applied to pavers, china mosaics, stucco, masonry & natural stone provided the surface is properly prepared.

## RECOMMENDED APPLICATIONS

- ◆ **External :** Unreachable areas, pool decks, architectural toppings, china mosaic, exposed brick/block work, exposed concrete walls, painted walls, roofs, stucco, mineral plasters, textured plasters etc.
- ◆ **Internal:** Natural stones, cladding, stucco, mineral plasters, textured plasters etc.
- ◆ **Most Stable Surfaces:** Blocks, brick, concrete, renders etc.

## KEY FEATURES & BENEFITS



Resists water penetration



Weather stability



Excellent adhesion and durability



Low cost, easy installation



Ideal for unreachable areas

## TECHNICAL SPECIFICATIONS<sup>1</sup>

<b>Appearance</b>	: Milky white (Transparent after application)
<b>Specific Gravity</b>	: $1.02 \pm 0.02$ Kg / ℓ
<b>Light Foot Traffic</b>	: 24 hrs
<b>Vehicular Traffic</b>	: 48 hrs
<b>Adhesion Strength</b>	: $\geq 1$ N/mm <sup>2</sup>
<b>DFT</b>	: $100 \pm 25$ Micron
<b>Recommended Primer</b>	: Ascoprime Ultra

## RECOMMENDED PRIMER

Ascoprime Ultra

## COVERAGE

70 - 80 ft<sup>2</sup> / ℓ / coat

## SHELF LIFE

12 months from the date of manufacturing

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
1, 5, 20, 50 & 200ℓ

# ASCOPOXY DPC

2 Part, High Performance, Water  
Dispersed Damp Proof Coating

- ◆ **ASCOPOXY DPC** is a highly penetrating type non toxic epoxy coating having an excellent sealing and crack filling property. This can be diluted with water and applied on the light moist or damp concrete substrate. The final cured epoxy coating will withstand the positive water pressure and also it decreases the water vapor permeability.

## RECOMMENDED APPLICATIONS

- ◆ For coating the interior surfaces of concrete, such as those used for storing potable water, chemicals (Except high concentration acids) and other liquids.
- ◆ Internal damp walls, ceiling etc., can use as a crack filler when mixed with white OPC.
- ◆ Can use for dams, canals and reservoirs as a penetrating sealer.

## KEY FEATURES & BENEFITS



Excellent waterproofing



Reduces water permeability



Suitable for properly prepared concrete substrates



Specially formulated for potable water reservoir



Adheres to damp surfaces



Excellent Efflorescence Resistance

## TECHNICAL SPECIFICATIONS<sup>1</sup>

(Complies to IS 101 - 6, Sec- 3, 1960, IS 13239 - 1991, US FDA 175.300)

<b>Base</b>	: Part A - Resin Part B - Hardener
<b>Colours</b>	: Transparent, White & Blue
<b>Mixing Ratio</b>	: Resin : Hardner : Water - (1:1:1)
<b>Pot life</b>	: 2 - 3 Hours
<b>Permeability</b>	: Impermeable
<b>Drying Time</b>	: 4 - 5 Hours
<b>Bonding Strength</b>	: $\geq 2 \text{ N/mm}^2$
<b>Recommended Coats</b>	: 2 - 3
<b>DFT</b>	: $150 \pm 25$ Micron (White / Blue) : $50 \pm 10$ Micron (Transparent)

## COVERAGE

70 - 80 ft<sup>2</sup> / Kg / coat

## SHELF LIFE

12 months from the date of manufacturing

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
1 & 5 Kg Set

# ASCOPOXY TL 100

2 Part, Food Grade, Hygienic & High Performance Epoxy Tank Lining Coating

- ◆ **ASCOPOXY TL 100** is a 2-component epoxy compound with high grade epoxy resin & modified polyamide curing agents especially for tank linings in contact with food, edible oils, water or alcoholic beverages containing up to 12% alcohol by volume. It is lead-free, food grade & non-toxic when fully cured.
- ◆ **ASCOPOXY TL 100** is water-impermeable & has excellent resistance to oil, solvents, alkalis & most dilute acids.

## RECOMMENDED APPLICATIONS

- ◆ **Internal** : Plaster, concrete, potable water tanks, natural stones, STP tanks etc.
- ◆ **External** : Architectural toppings, china mosaic, plasters, concrete, steel, wood etc.
- ◆ **Most Stable Surfaces** : Metal, wood, concrete, glazed tiles, renders etc.

## KEY FEATURES & BENEFITS



Very easy to apply & clean



Hygienic & dust free



Low odour & low VOC



Suitable for composites & concrete substrates



Ideal for water tanks



Food grade

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to BS 6920-1:2000)

<b>Base</b>	: Part A - Coloured Resin Part B - Liquid hardener
<b>Colour</b>	: White, Blue
<b>Pot life</b>	: 20 ± 5 Minutes
<b>Dry Film Thickness</b>	: 150 ± 25 Micron
<b>Wet Film Thickness</b>	: 165 ± 25 Micron
<b>Shear Bond Strength</b>	: ≥ 5 N/mm <sup>2</sup>
<b>Compressive Strength</b>	: ≥ 55 N/mm <sup>2</sup>

## RECOMMENDED PRIMER

Ascoprime EP TL 100

## COVERAGE

45 - 50 ft<sup>2</sup> / kg / 2 coats

## SHELF LIFE

12 from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
5 & 20 Kg Set

# ASCOPOXY ARC

2 Part Heavy Duty Anti Root  
Epoxy Coating

- ◆ **ASCOPOXY ARC** is a two-component heavy duty epoxy coating formulated from solvent based epoxy resins & modified polyamine curing agents especially for anti root linings in contact with water, rock, well, soil and planters.

## RECOMMENDED APPLICATIONS

- ◆ Coating the interior surfaces of concrete, steel and wooden tanks such as those used for tree plantation and gardening and also store water, chemicals and other liquids.
- ◆ Terrace Garden
- ◆ Planters

## KEY FEATURES & BENEFITS



Very easy to apply & clean



Hygienic & dust free



Low odour



Anti root propertie



Excellent corrosion and chemical resistance

## TECHNICAL SPECIFICATIONS<sup>1</sup> (Complies to ASTM D 695, ASTM C 190)

<b>Appearance</b>	: Part A - White Resin (4.0 Kg) Part B - Liquid hardener (2.0 Kg)
<b>Pot life</b>	: 45 ± 5 Minutes
<b>Mixed Density</b>	: 1.65 Kg / ℓ
<b>Permeability</b>	: Impermeable
<b>Dry Film Thickness</b>	: 500 ± 50 Micron per coat
<b>Wet Film Thickness</b>	: 550 ± 50 Micron per coat
<b>Slant Shear Bonding Strength</b>	: ≥ 2.5 N/mm <sup>2</sup>
<b>Compressive Strength</b>	: ≥ 40.0 N/mm <sup>2</sup>

## COVERAGE

60 ft<sup>2</sup> / 2 coats / 6 Kg Set

## SHELF LIFE

11 from the date of manufacturing.

<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Packaging : Available in  
6 Kg / 30 Kg Set

# ASCOSEAL TAPE ROLL

Water Sealing Flexible Tape for Terrace, Bathroom, Waterbodies & Expansion Joints

- ◆ **ASCOSEAL TAPE ROLL** is ideal for sealing internal & external surfaces that require protection against moisture ingress, vibration & flexing. Ideally suited for waterproofing, roofing & general building applications.

## RECOMMENDED APPLICATIONS

- ◆ **Internal** : Wall-floor junctions, roofing, swimming pools, noise reduction & thermal insulation through gaps etc.
- ◆ **External** : Wall-floor junctions (corners), expansion joints, construction joints, crack repairing, industrial warehouse, sheet joints etc.
- ◆ **Most Stable Surfaces** : Aluminum, steel, glass, ceramic, wood, plasters, concrete, renders etc.

## KEY FEATURES & BENEFITS



Peel and stick application



Excellent adhesion



Outstanding adhesion retention at low temperatures



Impermeable to water



Permanently self adhesive

## TECHNICAL SPECIFICATIONS<sup>1</sup> (ASTM C 771, ASTM D 412, ASTM D 624)

<b>Appearance</b>	: Grey
<b>Elongation at Break</b>	: $70 \pm 5$ %
<b>Tensile strength</b>	: $17 \text{ N/mm}^2$
<b>Tear Strength</b>	: $100 \text{ N/mm}$ (Longitudinal & Transverse)
<b>Leakage Test</b>	: No leakage
<b>GSM</b>	: $0.75 \pm 0.05 \text{ gm / cm}^2$

### Ascoseal Tape Roll (w/o adhesive)

Available in 10 cm x 50 m roll Should be applied on after/before **ASCOBOND** & OPC @ mixing ratio of 1 : 1 or thin bed adhesive

- ◆ Sealing roof sheet joints and lapped areas.
- ◆ Sealing wall/floor junctions in wet areas.
- ◆ Roofing/ swimming pool.
- ◆ Noise reduction and thermal insulation through gaps.

### Ascoseal Pipe Collar (w/o adhesive)

Available in 55 mm x 75 mm inner dia Should be applied on after/before **ASCOBOND** & OPC @ mixing ratio of 1 : 1 or thin bed adhesive

<sup>1</sup>The values obtained are from laboratory testing conditions and at  $27 \pm 2^\circ\text{C}$ . On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



Ascoseal Tape Role with Adhesive



Ascoseal Tape Role with out Adhesive

#### Packaging:

10 cm x 20 m roll @ 0.45 thickness  
10 cm x 25 m roll @ 0.45 thickness



Ascoseal Pile Collar without Adhesive

#### Packaging:

24 mm, 55 mm, 70 mm diameter

# ASCOGLASS FR

Alkali Resistant, Durable & Multipurpose Glass Woven Fabric Roll

- ◆ **ASCOGLASS FR** is widely used for waterproofing in roofing applications, reinforcement for natural marble, plasterboard & exterior insulation finishing systems (EIFS).
- ◆ Fabric reinforcement for the dry application method.

## RECOMMENDED APPLICATIONS

- ◆ Waterproofing
- ◆ Joint Reinforcement
- ◆ Crack Repair

## KEY FEATURES & BENEFITS



Versatile



It is free from corrosion & unaffected by alkali



Adaptable to uneven surfaces



Highly flexible



Structure strengthening fabric as per requirement

## TECHNICAL SPECIFICATIONS<sup>1</sup>

**Fibre Type** : Alkali Resistant

**Colours** : White / Green

**Woven Structure** : Leno

**Tensile Resistance** : 200 KN / m

**Tensile Strength** : 1000 N / mm<sup>2</sup>

g/m <sup>2</sup> (GSM)	Mesh Size	Tensile Strength (N/5 x 20 cm)		Roll Size
		Wrap	Weft	
45	5 x 5	425	500	1 m x 50 m
80	5 x 5	750	850	1 m x 50 m
145	5 x 5	1450	1600	1 m x 50 m
145	5 x 5	NA	NA	100 mm x 50 m
145	5 x 5	NA	NA	100 mm x 50 m



<sup>1</sup>The values obtained are from laboratory testing conditions and at 27 ± 2°C. On site tests may show slight variation due to site conditions and/or methods of testing/application. Follow company TDS to obtain best results.



**Walling Solutions**



**Waterproofing Systems**



**Screeds, Tiles/Stone Adhesives & Grouts**



**Structural Repairs, Sealants & Grouts**



**Protective Coatings**



## Aswani Industries Pvt. Ltd.

**Head Office:** Top Floor, Ascon City, Opp. Maheshwari Bhavan,  
City Light Road, Surat - 395007, Gujarat

**Factory:** Block No. 161, Opp. Garden Silk Mills, Kadodara Bardoli Road,  
Vill.: Tantithaiya, Tal. Palsana, Surat - 394305, Gujarat.

**Mumbai Office:** 1010, 10th Floor, The Summit Business Bay (Omkar),  
Opp Cinemax, Near Western Express Highway Metro Station,  
Andheri (E), Mumbai - 400069, Maharashtra



1800 532 7788



[www.ascolite.in](http://www.ascolite.in)



[info@ascolite.in](mailto:info@ascolite.in)



*Disclaimer: - Details mentioned in this catalogue are in brief. Refer TDS, method statement & other details by contacting company representative & by visiting the company website. AIPL will not be responsible for any damages with respect to inappropriate application &/or site conditions. Aswani Industries Pvt. Ltd. (AIPL) has a policy of ongoing design & development & thus reserves the right to modify specifications without prior notice. It is advised to cross-check with the company representative to ensure the document referred is the latest update.*

Version 3.11

