

## TECHNICAL DATASHEET

# ASCOFINE™ GROUT S30

Sanded And Highly Polymerised Cementitious Grout For  
Tile Joints Between 5 - 20 mm



SHRINKAGE &  
CRACK RESISTANT



EASY  
TO USE



WEATHER  
RESISTANT



## PRODUCT DESCRIPTION

**ASCOFINE GROUT S30**, a polymer-modified sanded grout renowned for its high quality, is a pre-mixed combination of portland cement, graded aggregates, premium pigments and polymer additives. This unique formulation ensures exceptional flexural and bond strengths. Intended for water mixing, it cures to form a robust, wear-resistant joint, offering dense and durable results. For optimal performance, it is recommended to use it in conjunction with **FIXOBOND AD** admix. **ASCOFINE GROUT S30** is offered in a variety of colours to suit various applications.

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## KEY FEATURES

- Easy to use
- Weather resistant
- Chloride free
- High strength & durability
- Shrinkage & crack resistant
- Uniform & smooth finish
- Reduced water absorption
- No algae growth

## TECHNICAL INFORMATION

### APPLICATION PROPERTIES

PROPERTY: TEST METHOD	TYPICAL VALUES
Appearance	Coloured sanded powder
Bulk density	1200 to 1300 kg/m <sup>3</sup>
Specific gravity	1.90 kg/l
Water demand @ 27 ± 2°C	25 ± 2% (by weight)
Pot life @ 27 ± 2°C	45 ± 15 minutes
Light foot traffic @ 27 ± 2°C	24 hours
Compressive strength @ 28 days	25 ± 2 N/mm <sup>2</sup>
Flexural strength @ 28 days	3 ± 1 N/mm <sup>2</sup>
Pull off strength @ 28 days	0.5 ± 0.01 N/mm <sup>2</sup>
Water absorption @ 24 hours	< 0.20 mm
Grouting gap range	5 – 20 mm

## APPLICATION COMPATIBILITY

### AREA OF APPLICATION

Floors & walls, internal & external areas, domestic and commercial application.

### SUITABLE SUBSTRATE

Ceramic tiles, glazed tiles, porcelain tiles, vitrified tiles, natural stones, glass mosaics, china mosaics, marble and bricks.

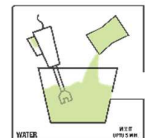
## APPLICATION METHOD

### SURFACE PREPARATION

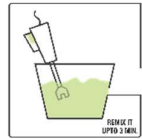
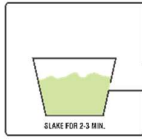
- Ensure 24-hours interval for grouting after tile fixing. Before initiating the grouting process, ensure the tiles or stones are securely positioned, and the adhesive bed is thoroughly dry.
- Before grouting, remove any spacers that may have been used.
- Ensure that grout joints are free from standing water, dirt, dust and any foreign substances.
- Lightly sponge the tile surface to eliminate dust and dirt.
- Remove any excess adhesive or mortar from the joint area.
- Refrain from using acid cleaners for tile or stone cleaning, instead, wash the joints with water or detergent.
- Verify that the joints are completely dry before commencing the grouting process.
- Substrate temperature must be between 16°C and 32°C.

### MIXING

- Gradually incorporate the **ASCOFINE GROUT S30** powder into the water, stirring continuously until a thick, creamy toothpaste-like consistency is attained, ensuring there are no lumps.



- Let the mixture sit for 5 minutes, then remix it. The grout will then be prepared for use.
- Always pour the powder into the water and not the other way around.
- Maintain a mixing ratio of  $25 \pm 3\%$  by weight for **ASCOFINE GROUT S30**, and substitute 10% of the water with **FIXOBOND AD**.
- Combine 30 ml of **FIXOBOND AD** with 230 ml to 270 ml of water and utilize this solution to mix **ASCOFINE GROUT S30**.



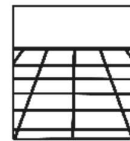
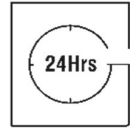
## APPLICATION

- Utilize a grout float or rubber squeegee to firmly compact the mixed grout into the joints, ensuring complete filling.
- Maintain the float perpendicular to the surface and pull it diagonally at a 45° angle across the joints and tiles to prevent material displacement.
- Work in small sections to remove excess grout from the tile surface, ensuring not to exceed the grout's working time.
- Allow approximately 15 minutes for the grout to dry. Using a damp sponge, diagonally clean the tile/stone surface toward the joint lines.
- Finally, rinse thoroughly with clean water and a sponge to eliminate any dried grout residue from the tile/stone surface.
- Once the grout has adequately set within the joints, polish the tile/stone surface with a clean cloth. Alternatively, perform a final rinse with clean water using a dampened sponge



## POST-APPLICATION PROCEDURES

- Carefully remove any excess grout from tiles within 10 – 40 minutes, taking into account the prevailing temperature, without disturbing the joints.
- Allow the grout to solidify before proceeding to clean it with a damp sponge or cloth.
- For rustic and matte finish tiles, use a scrubber, or for smooth tiles, employ a sponge or clean cloth dampened with clean water to gently scrub the tile surface in a circular motion diagonally to the grout lines, alternating between clockwise and anti-clockwise directions.
- Delicately refine the filled grout using a grout finishing tool or a gloved finger, following the line of the grout.
- Between 12 to 24 hours later, cleanse the tile surface with a water and soap solution to remove any lingering stains.
- Clean tools and containers with clean water while the grout is still fresh.



## PACKAGING

- 25 kg



## COVERAGE

$$\frac{(L + B) \times W \times D \times S.G.}{L \times B} = \text{kg/m}^2$$

L = Length of tile (mm)

B = Breadth of tile (mm)

W = Width of joint (mm)

D = Depth of joint (mm)

S.G. = Specific gravity of the grout

## SHELF LIFE

- ASCOFINE GROUT S30, when unopened, can be stored above floor level in a cool dry place for a duration of up to 12 months.



## HEALTH & SAFETY GUIDELINES

- Take preventive measures to keep children away from this product.
- Wear appropriate safety gear, such as gloves and face or eye protection during the installation.
- If the adhesive comes in contact with your eyes or skin, immediately rinse them well with lots of clean water and seek medical advice.
- Only qualified professional applicators or contractors may use this product.
- For additional information, please consult the relevant material safety data sheet, which is available upon request.



## TOOLS & ACCESSORIES

### GROUTING TOOLS



BUCKET



MIXER



GROUT SPREADER



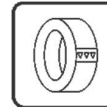
SPONGE



PUTTY KNIFE



AIR BLOWER



MASKING TAPE



RUBBER SQUEEGEE

### DISCLAIMER:

*This technical data sheet supersedes all previous versions from the immediate effect. The company guarantees its products against any manufacturing defects. The user should determine the product's usability for its intended use. Since the company has no control over site conditions and the installation procedures, the company would not be responsible under any circumstances for any loss, damage or liability from incorrect usage. For the products on which the company is offering a warranty, please refer to the warranty document to know the entire terms and conditions. The same can be availed on request or from the company website. All orders are accepted subject to our prevailing terms of sales and delivery. While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Our company maintains an active research and development policy, allowing us to continuously enhance our products. As a result, we reserve the right to revise this information at any time without prior notice. For optimal results, we recommend this product be installed by a qualified professional. By using this product, users acknowledge and agree to the terms and conditions outlined in this disclaimer.*