

Technical Data Sheet

Date of compilation: 18/06/2021

ARC TILERS PRIMER PLUS

DESCRIPTION

Arc Tilers Primer Plus is a solvent-free, acrylate-based, ready mixed primer for both absorbent and non-absorbent substrates. It provides a textured grit finish enhancing the bond between tile adhesive and/or levelling compounds and the substrate below. It is suitable for both internal and external applications.



PROPERTIES

Solvent free bonding primer with adhesion enhancing additives for use on wall and floor areas. Achieves high adhesion to smooth surfaced and dense substrates. Provides a surface with which subsequent layers or thin bed mortars can readily bond. Reliably prevents loosening of any covering layer.

APPLICATIONS

As a bonding agent and primer for use on non absorbent and absorbent internal and external wall and floor surfaces prior to the application of ceramic tiling systems. Suitable substrates include: hydraulically bonding cements, lime cast and gypsum plasters, plaster board, gypsum fibreboard, brickwork, aerated concrete, limestone, cement, anhydrite, magnesia and poured asphalt flooring, wooden floorboards, self distributing levelling compounds, natural stone, vitrified tiles, steel and glass. Not suitable for use with solvent based adhesives.

PREPARATION OF THE SUBSTRATE

The substrate must be dry, level and stable and free of oil, grease, soiling and other substances which would impair adhesion.

Residual moisture content may not exceed the following values:

Cement flooring: 2%

Calcium sulphate flooring: 0.5%

Heated calcium sulphate flooring: 0.5%

Gypsum based plaster: 1.0%

(measured with CM instrument)

APPLICATION

Stir well prior to use and apply with a roller (in undiluted form on non absorbent substrates, diluted 1:1 with water on absorbent substrates). If used in external areas, the primer should be protected by using a flexible sealing slurry.

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COVERAGE

On smooth, non-absorbent substrates, such as steel/ glass fibre reinforced concrete, and tiles, 50g/m² is required. Depending on the absorbency and nature of the substrate, however, as much as 250g/m² may be required.

DRYING TIME

This is determined by temperature and humidity. At +15°C and a relative humidity of 50%, drying time is approx. 60 minutes on absorbent surfaces and 120 minutes on non absorbent surfaces.

INFORMATION ON FURTHER PROCESSING

Subsequent layers can be put on while the primer is still fresh on absorbent substrates. On non absorbent substrates, such as vitreous tiles, steel, glass and glass fibre reinforced concrete, allow the full drying time before putting on subsequent layers.

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|-----------------------|
| Application temperature | >5°C |
| Colour | Blue |
| Density | 1.5 g/cm ³ |
| pH | 8 |
| Viscosity | 2000 mPa·s |
| Content of solids | 72% |
| Temperature resistance: | -20°C to +80°C |

STORAGE

Can be stored in the sealed container for up to 12 months in a cool and frost free area.

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.