



QUICSEAL 117

Water- Based Acrylic Sealer

Description

QUICSEAL 117 is a liquid applied, water-based acrylic sealer formulated from a special blend of acrylics. QUICSEAL 117 provides surface protection, waterproofing and improves the wear resistance of the substrate against the degrading effects of UV-rays.

The micron polymer particle of QUICSEAL 117 is capable of penetrating into porous substrates to provide in-depth protection.

Uses

- Clear sealer on prefabricated panels such as gypsum, chipboards, lightweight concrete, cement boards, etc.
- As a waterproof sealer for screeds, concrete, etc.
- Sealing the underside of natural stones
- Protecting fair-faced brickwall against water seepage

Advantages

- Non-toxic – environmentally friendly.
- Can be used in exposed applications.
- Can be applied on horizontal and vertical substrates
- Able to withstand foot trafficking
- Easy to apply– can be applied by roller, brush or spray
- Algae and fungus resistant

Technical Data

Product Type	Special blend of acrylics
Colour	Low viscosity translucent liquid
Flash point	Non-flammable, water borne
Adhesion (cross-cut)	8.5 – 9.5on concrete
Density	1.05 ± 0.03
Curing time	
Touch dry	30 minutes to 1 hour
Trafficable	2-4 hours (foot traffic)
Prior to installation of stone	24 hours
Application temp	15° to 50°C
Service temp	5°C to 90°C
UV Resistance	Excellent
Resistance to mild acids and alkalis	Good
Resistance to efflorescence	Good

Surface Preparation

Surfaces to be coated shall be clean and dry and free from contamination such as oil, grease and loose particles, decayed matter, moss algal growth. This is best achieved by water-jetting or other approved mechanical means. Where moss, algae or similar growths have occurred, treatment with suitable chemicals should be carried out after the initial cleaning process followed by further washing.

Where application over existing sound coatings is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coating and the substrate. For further advice, consult the local QUICSEAL representative.

It is essential to produce an unbroken coating of QUICSEAL 117. Therefore, surfaces with blowholes or cracks larger than 0.2mm should first be filled or patched with QUICSEAL 514 Two Part Repair Mortar (refer to separate data sheet for further details) before application of QUICSEAL 117.

Application

Shake well before use.

Apply onto substrate at a spread rate of 0.1-0.2 ltr per m². A uniform surface appearance (sheen) should be achieved. Should any matt porous patches remain, further application of QUICSEAL 117 is necessary.

Coverage

0.1 – 0.2 ltr /m². Actual coverage depends on the porosity and absorption of the substrate.

Precautions

Where QUICSEAL 117 is used as back sealer for natural stones, It is advisable to allow for QUICSEAL 117 to cure for 24 hours before bonding the stone with adhesive.

Health & Safety

Under normal use the product is non-hazardous to health. As with all chemical products, care should be taken during use and storage to avoid contact with foodstuffs, skin, eyes and mouth. If accidentally ingested, immediately seek prompt medical attention. Rinse off any accidental contact with water. Keep out of children's reach. Dispose container and material by incinerating. Dried material can be disposed off in an authorized landfill site.

Storage Life

1 year in original unopened container when stored in a shaded environment.

Packing

QUICSEAL 117 is available in 5 litre and 20 litre containers.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL

Reference No. QS 117/ 250520

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