Kilsaran KPRO FAÇADE | TECHNICAL DATA SHEET

QPX Bonding Primer

Description

QPX is a quartz infused, high-performance and fast-setting bonding primer that comes pre-mixed and is based on a solvent-free acrylate formulation. Engineered for versatility, it is suitable for application on both absorbent and non-absorbent surfaces, making it ideal for a wide range of substrates. Whether used for interior or exterior projects, this primer delivers a textured, gritty finish that significantly enhances the adhesion of subsequent layers. Its advanced formulation ensures reliable performance and durability, providing an optimal base for GP Render, UNO.

Applications

This product functions as both a bonding agent and a sealant, suitable for a wide range of non-absorbent and absorbent surfaces, indoors and outdoors. It is especially effective for preparing wall surfaces before applying renders and is compatible with various substrates, including cements, plasters, plasterboard, fibreboard, brickwork, concrete, limestone, tiles, steel, and glass. Avoid using it on surfaces that will experience permanent or prolonged water exposure, as this may affect its performance.

Product Use

Proper preparation of all substrates is essential for ensuring the success and durability of any installation. To achieve optimal results, it is critical that all substrates are rigid, level, clean, dry, and structurally sound. Any contaminants that could compromise adhesion, such as dirt, oil, grease, laitance, sealers, waxes, and curing agents, must be removed prior to application. Substrates must be robust enough to support not only the weight of the primer or bonding agent but also the combined weight of all subsequent layers, including finished renders and any additional fixtures.

Applying: Before application, ensure that the product is thoroughly stirred to achieve a uniform consistency. When applying the primer, use a roller for best results. For non-absorbent substrates, the primer should be applied in its undiluted form to ensure maximum adhesion. For absorbent substrates, dilute the primer with water in a 1:1 ratio before application. This dilution allows for better penetration and bonding on porous surfaces, enhancing the effectiveness of the primer.

Drying Time: The drying time of the primer is influenced by both temperature and humidity. At a temperature of +15°C and a relative humidity of 50%, the drying time is approximately 60 minutes on absorbent surfaces and about 120 minutes on non-absorbent surfaces. Subsequent layers can be applied while the primer is still fresh on absorbent substrates. However, on non-absorbent substrates, such as vitreous tiles, steel, glass, and glass fibre-reinforced concrete, it is important to allow the primer to fully dry before applying additional layers.

Technical Data

Application Temperature	Substrate and Ambient temperature must be between 10 °C and 35°C
Colour	Blue
PH	6.7 – 7.5
Viscosity	5,000 – 10,000 cp
SG	1.2 – 1.3
Content of Solids	57 – 62 %
VOC	≤10g/L

Benefits

- Consistently high-quality primer
- Designed for promote for single or multi coat applications
- Increased productivity
- Breathable
- Excellent workability and adhesion
- Ready to use
- Promotes cleaner and safer sites

Approximate Yield

Substrate Type	Consumption rate	Coverage m^2
Absorbent/High Absorbent	235 - 280 g/m^2	70 – 85*

*Approximate.

Application Temperatures

+10°C to +35°C

Health & Safety

Please refer to the relevant Material Safety data sheet online at www.kilsaran.ie.

Pack Size

- 20kg Bucket/Pail

Get in touch
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