

## KPRO S-SR 1,5 Silicate-Silicone Render

### Description

KPRO S-SR 1.5mm Silicate-Silicone Render is a premixed thin coat wet resin render which provides a smooth even textured finish on a variety of substrates. The hybrid product is through coloured and will provide a long lasting, durable, permeable, low absorption, dirt resistant, low maintenance finish. The product is formulated to protect against biological contamination e.g. fungi, mould and algae.

### Applications

KPRO S-SR 1.5mm thin layer render can be used on a variety of substrates including external wall insulation systems, concrete, render carrier board, cement based renders and gypsum plasters.

### Product Use

KPRO S-SR 1.5mm is ready to use and can be applied by hand or machine to provide an even textured uniform coloured finish. In the event of spray application caution should be taken to avoid shadowing that can occur with obstructions such as scaffold rails and platforms. The render should not be applied any thicker than the grain size of 1.5mm.

### Substrate Preparation:

KPRO S-SR 1.5 can be applied to smooth, dry and clean substrates free from grease, bitumen, dust and other substances decreasing adhesion:

- cement plasters and lime-cement plasters (age above 28 days, moisture  $\leq 4\%$ ),
- concrete (age above 3 months, moisture  $\leq 4\%$ ) primed with the priming paint KPRO Quartz Primer QP10
- reinforced basecoats primed with the priming paint KPRO Quartz Primer QP10.

### Application:

The whole contents of the container should be carefully stirred. KPRO S-SR 1.5 should be evenly applied on the substrate at the thickness of the grain by means of a steel long float held at the angle. Then, it should be given a homogeneous structure by means of using a plastic float in uniform rounded movements. The finished render should not be applied thicker than the aggregate size of 1.5 mm. The product can also be spray applied, taking care of obstructions such as scaffold bars etc. Do not sprinkle plaster with water! Work should be done on one surface without breaks, keeping the same product consistency.

### Please Note:

Application should be performed in the ambient and substrate temperature ranging from +5 °C to +25 °C and the humidity below 80%. The render should always be applied 'wet on wet' at adjacent panels to avoid unsightly joint lines. The render should be protected against the rain until completely dry. It is recommended to use scaffolding protection. Winter working additives are available for colder conditions.

EN 15824:2017 External renders based on organic binders	
Base	water dispersion of synthetic resins with mineral fillers and pigments
Density	1.8kg/dm <sup>3</sup>
Reaction to Fire	A2-S1-d0
Water Absorption	W <sub>3</sub> w $\leq 0,1$ [kg/m <sup>2</sup> h <sup>0.5</sup> ] – acc. EN15824
Water Vapour Permeability	V <sub>1</sub> S <sub>d</sub> $< 0,14$ m-acc. EN15824
Adhesion	$\geq 0.6$ MPA acc. EN15824
Thermal Conductivity	0.61 W/mK (tabulated value) acc. EN15824



### Benefits

- Resistant to dirt pick up
- Hydrophobic
- Low water absorption
- Good vapour permeability (breathability)
- Weather resistant
- Good colour stability
- Resistant to fungi, algae and mould
- Large colour range available

### Application Conditions



+5°C to +25°C



< 80%

**Open time** – approx. 15 minutes

**Consumption** – approx. 2.5kg/m<sup>2</sup>

**Shelf Life** – Up to 12 months when stored in dry cool conditions

**Protect against frost and direct sunlight!**

### Health & Safety

Please refer to the relevant Material Safety data sheet online at [www.kilsaran.ie](http://www.kilsaran.ie).

### Pack Size

- 25kg recyclable buckets made from 62% recycled plastic

### Get in touch



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