

UNO One Coat Render

Description

KPRO UNO is a self-coloured, breathable, weather-resistant rendering mortar. UNO's unique polymer modification and silicone integration offers an aesthetic, low maintenance and durable façade solution that fully complies to the requirements of EN 998-1. UNO should be used and applied in accordance with EN 13914 parts 1 & 2 and manufacturer's instructions. Unless otherwise stated the product is a CS III render for use as a decorative, single coat render for both internal and external use.

Applications

KPRO UNO is a through-coloured decorative, single coat render for external use in the following applications,

- Single coat decorative rendering mortar providing a scrapped textured finish.
- Coloured decorative topcoat render, applied over a suitable undercoat, providing a scrapped textured finish.

Product Use

KPRO UNO One Coat Renders are formulated for both hand and machine application. Please note it is recommended that KPRO UNO is given a scrapped texture finish to ensure colour conformity of finish.

Mixing: This product should be mixed in a suitable site mixer, continuous mixer, or spray render machine. Clean water should be added at steady, constant rate to ensure mix consistency and uniformity of the finished coat. Typical water addition of 5-6 litres per 25Kg of dry material will produce a light workable material. Re-mixing or the later addition of water is not permitted as this will have an adverse effect on the life and colour.

Applying: The minimum finished thickness of KPRO UNO renders should be no less than 15mm (20mm in severe exposures). The material can be applied in **one coat, one pass**. When using KPRO UNO as a render coat for dry dash finishes the minimum thickness should be no less than 20mm. Due to its formulation, KPRO UNO Ultra White, may be given a sponge or nap finish. For further information on the application of our Renders please see our KPRO Render & Plaster Application Guide. In all instances KPRO UNO should be used and applied in strict accordance with I.S./B.S. EN 13914 and the manufacturer's instructions.

Technical Data

KPRO UNO Renders are produced in an EN 998-1 Factory Production Control and ISO 9001 quality-controlled environment to the requirements of a one coat render as set out in EN 998-1:2016. KRO UNO Renders also hold NSAI Agreement certification.

	
Kilsaran Concrete, Piercetown Dunboyne Co. Meath Ireland 13	
EN 998-1 One coat rendering mortar (OC) for use in external rendering and internal plastering.	
Compressive Strength	Category CS III
Reaction to Fire	Class A1
Water Absorption	$W_c 2$
Water Vapour Permeability	$\mu < 10$
Water Vapour Permeability After Weathering Cycles	$< 1 \text{ ml/cm}^2$ after 48 Hours
Adhesion After Weathering Cycles	$\geq 0.2 \text{ MPa (C)}$
Thermal Conductivity	$(\lambda_{10, \text{dry}}) 0.47 \text{ W/mK}$
Durability (against freeze - thaw)	Please refer to water vapour permeability and adhesion after weathering cycles



Benefits

- Consistently high-quality mix
- Designed for single coat application
- Increased productivity
- Breathable
- Excellent workability and adhesion
- Low shrinkage/good crack resistance
- Water repellent silicone technology
- Polymer modified
- Promotes cleaner and safer sites

Approximate Yield

Coat Thickness	Coverage per 25kg bag
10mm	1.55 m ²
12mm	1.30 m ²
15mm	1.00 m ²
18mm	0.85 m ²

1.5kg of dry material/mm/m²

Application Temperatures



+5°C to +30°C

Health & Safety

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

Pack Size

- 25kg premixed bags



Get in touch



ROI T: +353 (0)1 802 6300 E: technicaladmin@kilsaran.ie kilsaran.ie

UK T: +44 (0)161 872 8899 E: info@kilsaraninternational.co.uk kilsaraninternational.co.uk