

HLM Hydraulic Lime Mortar

Description

KPRO HLM is a natural coloured hydraulic lime masonry mortar designed for jointing and pointing of masonry units. The product complies to the requirements of IS EN 998-2 and should be used in accordance with EN 1996 (Eurocode 6), SR 325 and manufacturer's instructions. HLM is a designed mortar and is available in a range of strength categories standard.

Applications

Masonry Mortar is suitable for the following applications,


- Jointing and Pointing of brick work, blockwork and natural stone

Product Use

Suitable for use in temperatures between +3°C and +30°C. This product only requires the addition of clean water. Our HLM should be mixed in a suitable site mixer or with a paddle drill. Water should be added at steady, constant rate to ensure mix consistency and uniformity of the product. Typical water addition of 3.5-4.5 litres per 25Kg of dry material will produce a light workable material. Mixing outputs vary and this will affect the quantity of water required. Re-mixing or the later addition of water is not permitted as this will have an adverse effect on the life and colour consistency of the product. For further information please visit www.kilsaran.ie

Technical Data

KPRO HLM Masonry Mortars are produced in an ISO 9001 quality-controlled environment and are third party certified to EN 998-2, system 2+. Our masonry mortars are produced to the requirements of a designed general-purpose masonry mortar as set out in EN 998-2. KPRO HLM masonry mortars are available in a range of strength classes to suit your specification.

 Kilsaran Concrete, Piercetown Dunboyne Co. Meath Ireland 13 EN 998-2 Designed general purpose masonry mortar for internal and external use in elements subject to structural requirements		
Compressive Strength	M1	M2.5
Initial Shear Strength	0.15 N/mm ² (tab. value)	0.15 N/mm ² (tab. value)
Contents of Chloride	NPD	NPD
Reaction to Fire	Class A1	Class A1
Water Absorption	NPD	NPD
Water Vapour Permeability	μ 15/35	μ 15/35
Thermal Conductivity	(λ _{10, dry}) 0.61 W/mK	(λ _{10, dry}) 0.61 W/mK
Durability (against freeze - thaw)	Evaluation based on provisions valid in the intended place of use of the mortar.	



Benefits

- CE Marked designed masonry mortar
- Manufactured in a 3rd party certified EN 998-2 factory production control system to level 2+ conformity
- Computer batched colour consistent mix
- Constantly available supply
- Eliminates inaccurate site mixing
- Reduced Labour
- Increases site efficiency
- Convenient and User-Friendly
- Eliminates wastage
- Promotes cleaner and safer sites

Approximate Yield

Masonry Unit Type	No. per tonne	No. per 25kg
Standard Brick	1300	33
100mm Solid (edge)	620	16
100mm Solid (flat)	320	8
215mm Twin Pot Hollow	320	8

Application Temperatures



+3°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
- Bulk Silos

Get in touch



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