

MASONRY MORTAR

Description

KPRO Masonry Mortar is a natural coloured 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.

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. Mix with clean potable water to achieve a workable homogeneous mix. Kilsaran masonry mortars should be used in accordance with EN 1996 (EC6) and SR 325. KPRO masonry mortar is a standard, non-pigmented, natural coloured product and thus colour consistency is not guaranteed. For colour dependant applications please consult our coloured mortar range

Technical Data

KPRO 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 masonry mortars are available in a range of strength classes to suit your specification. Integrated retarding agents are also available upon request.

			
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	M4	M6	M12
Initial Shear Strength	0.15 N/mm ² (tab.value)	0.15 N/mm ² (tab.value)	0.15 N/mm ² (tab.value)
Contents of Chloride	≤ 0.1%	≤ 0.1%	≤ 0.1%
Reaction to Fire	Class A1	Class A1	Class A1
Water Absorption	0.3 kg/m ² .min ^{0.5}	0.1 kg/m ² .min ^{0.5}	0.1 kg/m ² .min ^{0.5}
Water Vapour Permeability	μ 15/35	μ 15/35	μ 15/35
Thermal Conductivity	(λ _{10, dry}) 0.61 W/mK	(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.		

Compressive Strength Class	Equivalent Prescribed Masonry Mortars		
	Cement:Lime:Sand	Cement:Sand	Designation
M12	1:0¼:3	-	(i)
M6	1:½:4¼	1:3/4	(ii)
M4	1:1:5/6	1:5/6	(iii)
M2	1:2:8/9	1:7/8	(iv)



Benefits

- CE Marked designed masonry mortar
- Manufactured in a 3rd party certified EN 998-2 factory production control system to level 2+ conformity
- Consistently high quality 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	1100	28
100mm Solid (edge)	650	16
100mm Solid (flat)	330	8
215mm Twin Pot Hollow	330	8

† Yields are approximate based on a 10mm joint and do not take into account wastage.

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



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