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TECHNICAL GUIDANCE

Product: HYDRATED LIME – CALCIUM LIME EN 459-1:2010 CL 90-S

Substance name: Calcium dyhydroxide – $\text{Ca}(\text{OH})_2$

Additional properties: powdery substance, white color

Use: preparation of mortar (for masonry, external and internal plaster) manufacture of other building materials industry

Proportions of mixture (guideline values):	Parts by volume		
	Lime	Cement	Sand
Masonry mortar:			
Lime mortar	1		3
Lime cement mortar	1-2	1	6-8
Plaster mortar:			
Lime mortar	1		3-4
Lime cement mortar	2	1	6-8

Shelf life and storage: BAGS: 24 months from date of production in dry indoors, protected with PP / PE film.

The date of manufacture is printed on the packaging. BULK: minimum 12 months from the date of dispatch of the IGM Zagorje in a hermetically sealed silo.

Means of delivery:

- bulk
- In the 25-kg bags, palletized on a pallet 40 bags with a total weight of 1000 kg
- In the 25-kg bags, palletized on a pallet of 50 bags with a total weight of 1250 kg

Essential characteristics (according to EN 459-1:2010)		Performances
CaO		> 92 %
MgO		< 1,5 %
CO ₂		< 4 %
SO ₃		< 0,5 %
Available lime		> 80 %
Free water		< 2 %
Soundness		pass
Particle size (residue by mass)	0,2mm	< 2 %
	0,09mm	< 7 %
Air content		< 12 %
Penetration		> 10 mm and < 50 mm

Other information:

- pH: 12,4 (salurated solution at 20°C)

DETAILS OF DANGER:



DANGER

Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Keep out of reach of children. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician. IF ON SKIN: Wash with plenty of water. Avoid breathing dust/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Dispose of contents/container in accordance with local/regional/ national/international ragulation. For more information on the properties , storage,safe handling, safe use of the product, removal , etc . located in the SDS .

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