



PENTARESIN L 2

Resin for consolidating plasters, mortars and smooth finish mixtures

Technical Data Sheet September 2015

DESCRIPTION

Pentaresin L 2 is a special acrylic resin in aqueous dispersion, highly stable in alkali systems, with very fine grain size, so that it can penetrate even into the smallest pores and capillaries
Its special formulation allows a fast polymerisation even at very low temperatures.

FEATURES

Pentaresin L 2 is a fluid and milky liquid, dilutable with water.
The hardened films obtained with **Pentaresin L 2** are slightly flexible, whilst the single particles, introduced into the capillaries, produce a rigid system with excellent resistance to alkalis and they are not re-emulsifiable either with cold water or with hot water.
These characteristics make the treatment very durable, highly weatherproof and waterproof, even in severe weather conditions.

USE

Pentaresin L 2 is used whenever it is necessary to improve the strength of plasters, mortars and smooth finish mixtures and to consolidate the bedding mortars of old masonries, before the restoration.
Used as a saturating impregnant on dry surfaces, it is a waterproof agent for all types of masonry and gives a "wet" effect.

APPLICATION

Pentaresin L 2 is to be applied on perfectly clean supports, free from incoherent materials, oils, greases, waxes, calcimines, water films and any other anti-adhesive material.
Pentaresin L 2 and the mixtures containing it are to be applied at a temperature not below + 2°C.
In case the product is too viscous for the type of application required, it is possible to dilute it with water until obtaining the expected degree of penetration.
Anyway, it is advisable not to exceed the resin-to-water dilution ratio 1/5.
After the dilution it is important to mix from time to time in order to re-homogenize the dispersion

	Data	Method
TECHNICAL DATA		
State:	Liquid	Visual
Colour:	Milky-white	Visual
Density:	1,045±0,015 kg/dm ³	IST. 10.06
Potential of hydrogen (pH):	8,0±1,0	IST. 10.05
Water solubility:	Totally dispersible	IST. 10.21
Filmation temperature:	0°C	

YIELD On medium-porosity supports, the consumption is about 200 g/m²

STORAGE AND VALIDITY **Pentaresin L 2** can be damaged by the frost and by too hot temperatures: store at a temperature between 0° and 50°C.
It has 12-month validity beginning with delivery, if it is stored in the right conditions in the original cans, kept perfectly closed and not exposed to direct solar rays.

PRECAUTIONS **Pentaresin L 2** is harmless by contact with skin, but it tends to harden fast, so it is necessary to remove it immediately with water and soap. In case it has hardened, wash plentifully with water and soap without using any solvents.
In case of contact with eyes, wash with water immediately and plentifully.
Do not disperse the product and the cans in the environment. Do not ingest. Keep out of children's reach.

PACKAGING 25-kilo plastic cans

The specifications stated in this report have been got either through standardized tests and rules or their modifications following Pentachem systems. The methods applied can be requested to our technical service.

All the data stated in this technical sheet are based on our knowledge and experience. However, before using the item differently from indicated, it is advisable to carry out preventive tests. In any case, PENTACHEM does not assume any responsibility for any damage or defect caused by the use of our products, as the employment conditions are not under our control. We also inform that our technical service is at our customers' disposal for any information concerning the correct employment of our products.

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