

POLYURE W

Water Based Curing Compound

POLYURE W is a wax based white pigmented curing compound with high curing efficiency and daylight reflectance even in very high temperature conditions

FEATURES

- ▶ Water based membrane forming type
- ▶ High curing efficiency
- ▶ Can be brushed, roller applied or sprayed
- ▶ Used on freshly poured concrete
- ▶ Retains sufficient moisture in concrete for total hydration and optimum strength development. Substitute for hessian, water or polythene curing aids.

APPLICATIONS

1 POLYURE W should be sprayed as evenly to fresh concrete at the rate of 3 -4 sq.m/ltr. For horizontal surface, apply Polyure -W after the initial surface sheen has disappeared from the concrete face. For formed concrete, apply it immediately after the form work is removed. To avoid the break down of film, damp the surface with clean water prior to applications.

TECHNICAL PROPERTIES

Colour & appearance	White liquid
Specific gravity, [g/cc]	1.03
Flash point	Not applicable
Film characteristics	White, solar reflective tack free and water repellent
Curing efficiency [%]	>80
Drying time [hrs]	2 – 3 (depending on ambient temperature)
Standards	ASTM C 156 ASTM C 309
Coverage [m ² /lt]	Approx. 3 – 4

LIMITATIONS

It is important that the complete removal of POLYURE W should be ensured prior to the application of any surface finish or additional treatment.

PACKING

Available in 200 liter drums.

STORAGE & SHELF LIFE

Store under cover, out of direct sunlight and protect from extreme temperatures. In tropical climates the product must be stored in air – conditioned environment. Shelf life up to 12 months when stored as per recommendations.

HEALTH & SAFETY

As with all construction chemical products caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Treat any splashes to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting but call for medical assistance immediately.

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

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