

C2

CURING COMPOUND WATER BASED

CURING AND SEALING COMPOUND FOR CONCRETE WATER BASE

CURING COMPOUND

Curing Compound C2 is a ready to use, solvent free, water based liquid curing compound for preventing the evaporation of mixing water in concrete. It is ready for use and simple to apply. Suitable for use in hot and tropical climatic conditions.

USES

Curing Compound C2 can be applied on site and in precast plants. It has been specially developed for use as a high quality curing and sealing compound for interior or exterior applications. Curing compound is suitable for all kinds of concrete, horizontal and vertical applications and large areas of exposed concrete, such as:

- Highways
- Runways and taxiways
- Aprons and hard standings
- Roof decks
- Pre-stressed beams and piers
- Irrigation canals / channels

ADVANTAGES

Curing Compound C2 has the following characteristics:

- Reduces incidence of plastic cracking Forms stable film on the surface to provide excellent curing and sealing properties
- Ensure achievement of desired strengths, minimize shrinkage
- Alleviates other costly methods such as Hessian – watering
- Increases frost resistance Reduces dusting. Seals, primes and hardens cement based compositions
- Non-flammable, non-toxic and non-staining Considerable reduction in loss of water from concrete
- Cured film acts as primer between concrete surface and coating material

STANDARDS

Conforms to the requirements of ASTM C 309; Type 1; Class A

PRODUCT INFORMATION

Composition	Aqueous solution of acrylic copolymer dispersion
Packaging	20L /200 L
Appearance / Colour	White milky liquid
Shelf Life	12 months from date of production
Storage Conditions	Store in unopened, undamaged and sealed original packaging in dry conditions at temperatures between +5 °C and +30 °C. Protect from direct sunlight, heat and moisture.
Density	Mixed Resin: 1 kg/l(at +25 °C)
Ambient Air Temperature	+5°C min. / +50°C max

TECHNICAL INFORMATION

APPLICATION INFORMATION

Consumption	The rate of coverage depends on wind, humidity and temperature. As a general guide: 0.2 – 0.5 kg/m ²
-------------	---

C2

CURING COMPOUND WATER BASED

CURING AND SEALING COMPOUND FOR CONCRETE WATER BASE

APPLICATION INSTRUCTION

SUBSTRATE QUALITY / PRE-TREATMENT

Allow the surface water of the newly laid concrete to evaporate before application. This is normally between half to two hours depending on relative humidity, ambient temperature and wind speed. Mold surfaces must be clean and free from moisture, dirt and laitance. Any residues of rust and concrete must be removed before application.

APPLICATION

Stir the curing compound C2 well before use. Do not dilute or mix with other materials. Curing compound C2 has been designed for spray application to newly laid concrete. Spray equipment must be capable of generating a fine mist to not damage the wet concrete surface. Manual spray equipment is more preferable. Curing compound C2 is applied in thin layers with a fine, white dotted appearance; covering the complete surface (an additional application may be necessary in case of highly absorbent formwork). Accumulations of Curing Compound C2 should be avoided. Any excess should be wiped off using a cloth or sponge. After application, an evaporation period of ~20 minutes should be observed before pouring concrete.

CLEANING OF TOOLS

Clean all tools and application equipment with clean water immediately after use. Hardened / cured material can only be removed mechanically.

IMPORTANT CONSIDERATIONS

Curing compound C2 is an undegradable compound, so it is not necessary to remove it. It can be considered as a primer for another application. If in doubt, do a trial area. After application, protect the area from rain for at least 2 to 3 hours.

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling storage and disposal of chemical products, users shall refer to the most recent MSDS containing all the details.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application.



LEGAL DISCLAIMER: Polywed endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Polywed has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of the Technical Data sheets are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated of the technical Data Sheets.