



WODC EPOXY WATERBORNE PRIMER

DESCRIPTION

WODC EPOXY WATERBORNE PRIMER is a two-component epoxy primer for concrete and cement surfaces. Part A is a formulated epoxy with a yellow tint and Part B an amber coloured, water solution of an amine-curing agent.

PURPOSE

WODC EPOXY WATERBORNE PRIMER serves as a sealer for concrete or cement surfaces, penetrating into the surface acting as an anchor for subsequent epoxy or polyurethane coatings.

The primer is not a finish coat and therefore can only be used for the purpose mentioned above.

PREPARATION

All concrete or cement surfaces must be clean, dust, oil and dirt free.

Oil, fat or grease stained surfaces must be treated and cleaned with WODC OIL DEGREASER (refer to WODC OIL DEGREASER data sheet for information).

Oil, grease or fat stains can never be removed completely by using the degreaser.

Due to the penetration of greasy or oily stains some of it remains in the screed.

To overcome the possibility of the coating delaminating from the screed due to the stain, apply the WODC EPOXY OILSOLVE PRIMER only on those stains

(Refer to WODC EPOXY OILSOLVE PRIMER data sheet for information).

In the case of a new floor screed or slab, a wood float finish is preferred. The screed or slab has to cure for a minimum period of 28 days for the concrete or screed to obtain maximum strength.

For industrial or commercial floors a minimum compressive strength of 25 MPa is required.

The new floor must be ground using a Carborundum block Errut Grinder or equivalent, to remove laitance and to obtain a bonding profile especially for smooth finished floors such as power floated floors. Cross grinding is the preferred method.

All loose dust must be swept up and vacuum cleaned to remove all loose particles and dust before applying the primer.

In the case of an old floor, clean the floor as mentioned, repair holes or irregularities using STUCCO ITALIANO FLOOR REPAIR KIT. Allow the STUCCO ITALIANO FLOOR REPAIR KIT to cure for 4 days and carry on with grinding, sweeping, vacuum cleaning and application of the primer.

Toppings should be avoided, as they are usually weak. In cases where the screed or slab is less than the pre-scribed 25 MPa, WODC CONCRETE FLOOR HARDENER can be applied to penetrate and strengthen the applicable slab or screed, but great care needs to be taken as some floor screeds may be so weak that even WODC CONCRETE FLOOR HARDENER will not help.

In cases where small holes are present over the entire floor, it is recommended to apply an epoxy scrappercoat (epoxy resin mixed with a fine graded silica aggregate) instead of WODC EPOXY WATERBORNE PRIMER to bridge these holes.

As many holes as possible always need to be filled or covered.



MIXING AND APPLICATION	
<p>WODC EPOXY WATERBORNE PRIMER is supplied as a two-component 5lt kit in the stoichmetrically correct ratio.</p> <p>Part A must be stirred up first. Empty both Part A and Part B into a suitable container to assist mixing. Mix the mixture for a period of three to five minutes using a mechanical stirrer (a speed adjustable drill with a basket mixer drill bit).</p> <p>Manual mixing can be done, but great care must be taken to obtain a uniform mixed product. Once the product appears yellow creamy uniformly during mixing, it is ready to be applied.</p> <p>Apply immediately after mixing is completed.</p> <p>After mixing the epoxy, amine reaction starts immediately, no incubation period is necessary. A 5lt kit has got a pot life of approximately 20–30 minutes depending on temperatures, before gelling occurs.</p> <p>Apply the primer using a sheepskin or poly pile roller and brush. Apply the primer to cover 6 – 8 m² per litre. Slightly damp surfaces can also be painted with the primer.</p> <p>Apply the subsequent epoxy or polyurethane coating onto the primer after 12 hours have expired and before 24 hours have expired to ensure chemical bonding between primer and coating.</p>	
PHYSICAL PROPERTIES	
Mixing Ratio:	As supplied
Pot Life (150g @ 23°C):	60 min
Colour when mixed:	Yellow creamy
Specific gravity (mixed):	1.053 g/cc
Physical cure (@ 23°C)	12 hours
Full chemical cure (@ 23 °C)	7 days
Coverage:	6 – 8 m ² per litre per coat
PACKAGING	
<p>As a twin pack, Part A in a 5lt white plastic bucket, Part B in a 5lt transparent plastic bottle. The total mixed volume is 5lt.</p>	
PRECAUTIONS	
<p>Apply in a well ventilated room. Do not split a kit. Clean tools with water immediately after use.</p> <p>Do not ingest. Keep away from children and pets. Do not empty into drains.</p> <p>Wear rubber gloves. In the event of contact with eyes or skin, rinse thoroughly with cold water. If irritation or discomfort occurs, seek medical advice.</p>	
MANUFACTURED BY	
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