



## WODC EPOXY HI-BUILD

### DESCRIPTION

WODC EPOXY HI-BUILD is a two component epoxy coating for primed concrete and cement surfaces where mild, industrial traffic occurs. Part A is a formulated epoxy available in 14 standard colours. Part B is a very light colour, amine curing agent.

### PURPOSE

WODC EPOXY HI-BUILD is applied in two coats as a finish coat to primed cement or concrete surfaces to decorate and protect these surfaces against mild industrial traffic and chemical attack. Major uses are in warehouses, shop stores, wineries, bakeries, hospitals, abattoirs, food manufacturers, work shops etc.

### PREPARATION AND APPLICATION

All surfaces has to be prepared and primed (refer to "preparation" in WODC EPOXY WATERBORNE PRIMER and WODC EPOXY OILSOLVE PRIMER data sheets).

The surface needs to be dry.

WODC EPOXY HI-BUILD is supplied as a two-component 5lt kit in the stoichmetrically correct ratio.

Part A needs to be stirred up separately. Empty both Part A and Part B in a suitable container to assists mixing.

Mix the mixture for a period of three minutes using a mechanical stirrer (a speed adjustable drill with a basket mixer drill bit).

Manual mixing can be carried out, but great care must be taken to obtain a uniform mixed product. Once the mixture is uniform, decant the contents into another suitable container and stir for another 2 minutes. This is to ensure that any material at the bottom of the first container, which possibly was not mixed, is also dispersed.

Immediately apply the product after mixing, no incubation is necessary. A 5lt kit has got a pot life of approximately 20 – 25 minutes depending on temperatures, before gelling occurs.

Apply the coating onto the primed surface using a heavy-duty gloss roller and brush to a coverage rate of 5m<sup>2</sup> per litre per coat.

Apply the second coat at the same coverage after 14 to 16 hours of applying the first coat and before 24 hours has expired. The same mixing procedures must be followed for each mix.

The floor is available for traffic and operation only 72 hours after the second coat has been applied.

### PHYSICAL PROPERTIES

Mixing Ratio	as supplied
Pot Life (150g @ 23°C)	30 min
Physical cure (@ 23°C)	12 hours
Full chemical cure (@ 23°C)	7 days
Colours:	14 standard colours
Specific gravity (mixed)	1,18 g/cc
Coverage	5m <sup>2</sup> / litre/coat
Appearance	gloss



<b>PACKAGING</b>
As a twin pack, Part A in a 5Lt white plastic bucket, Part B in a 2Lt transparent, plastic bottle. Total mixed volume 5Lt.
<b>PRECAUTIONS</b>
Apply in a well-ventilated room. Do not split a kit. Clean tools with WODC CLEANING THINNERS immediately after use. Do not ingest. Keep away from children and pets. Do not empty into drains.  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
<b>MANUFACTURED BY</b>
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