



WODC CPU FINE

DESCRIPTION

WODC CPU FINE is a seamless, three-component cementitious polyurethane overlay for primed concrete floors where mild industrial traffic occurs. Part A is a formulated polyol available in 14 standard colours, Part B is an isocyanate and Part C a cement base and graded silica aggregate.

PURPOSE

WODC CPU FINE is applied 1mm thick onto primed concrete surfaces to decorate and protect against mild industrial traffic and chemical attack. It cures to a complete matt and non-slip finish. Even under wet conditions it is still non-slip. Major uses are in food factories, bakeries, wineries, warehouses and manufacturing plants where traffic on the floor is limited to pedestrian traffic only.

PREPARATION AND APPLICATION

All surfaces has to be thoroughly prepared and primed (refer to the 'preparation' section in WODC EPOXY WATERBORNE PRIMER and WODC EPOXY OILSOLVE PRIMER data sheets). WODC CPU FINE is supplied as a three component 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 assist mixing. Mix well for one minute using a mechanical stirrer (a variable speed drill with a basket mixer drill bit).

Add Part C and mix well for three minutes. The three-minute mixing is critical for proper wetting of the aggregate particles to obtain proper flow.

The pot life of the mixture after mixing is approximately 12 minutes. Apply the product onto the primed surface using a plaster floor trowel to a thickness of 1mm. Spike roll the applied flooring, using a spike roller to assist flow and levelling and also to dearate the applied product.
Be careful not to roll over areas where gelling of the products has occurred

A kit must cover 6.5m² to obtain a film thickness of 1mm. This is the finish and last coat. The floor is ready for traffic and normal activities 48 hours after application of WODC CPU FINE.

PHYSICAL PROPERTIES

Mixing ratio:	As supplied
Pot life 150g@23°C:	12min
Physical cure:	12 hours
Full chemical cure:	7 days
Colour:	14 colours
Specific gravity:	1,5g/cc
Coverage:	1 kit covers 6.5m ²
Appearance:	Matt

PACKAGING

As a three part component, Part A is in a 5lt white plastic bucket, Part B in a 2lt transparent plastic bottle and Part C in a 5kg paper bag.



PRECAUTIONS

Apply in a well-ventilated room. Do not split the 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.

LIMITATIONS

Do not proceed with application if atmospheric relative humidity is, or is anticipated to be >90% or if the surface temperature is <3 °C above the dew point. Maximum application temperature is 30°C. Application should not commence when the substrate temperature or the ambient temperature is, or is anticipated to be <5 °C during the application or within the curing period. The design strength of concrete surfaces must be a minimum of 25 MPa compressive strength at 28 days. The manufacture of WODC CPU FINE is a batch process and despite close manufacturing tolerances, colour variation may occur between batches. Products from different batches should not be used on the same surface or surfaces close together. If mixed batches are unavoidable, it is best practice to use the different batches only in areas where the colour cannot be directly compared. Touching up should only be attempted using product from the same batch using the same application methods. Product should be reserved specially for this purpose. It is recommended that touching up is carried out up to a break in the floor or surface.

MANUFACTURED BY

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