

E.W.C. 6002 POLIURETHANE TOP COAT COATING TECHNICAL DATA SHEET

E.W.C. 6002 Floor Poliurethane Top Coat is a high-solids, high-gloss, two or three-part, aliphatic pigmented polyurethane coating. It can be applied over an epoxy primer or used to recoat an existing epoxy or poliurethane floor.

PRETREATMENT

Surface dirt, grease, oil and contaminates must be removed by detergent scrubbing and rinsing with clean (clear) water.

Mechanical Preparation: Shot Blasting or grinding the surface is the preferred method of preparation. The success of industrial diamond grinding as a concrete preparation method will vary depending on technique and the hardness of the concrete.

Joints: All non moving joints (control joints) can be filled with a rigid or semi-rigid joint compound. Construction joints may be filled with semi-rigid joint filler and might need to be re-built and re-cut depending on conditions. Isolation or expansion joints must be filled with a flexible material.

APPLICATION

Prior to coating, the floor must be completely free of fine dust and minute debris. It is best to mechanically wash, rinse and finally damp wipe the floor with clean towels and water. It is also recommended to rid roller of initial loose nap by wetting and painting a small scrap piece of plastic sheeting or cardboard prior to using on the floor.

ARTICLE	DESCRIPTION
MIX RATIO	: 4 Volume A Comp – 1 volume B Comp(Hardener).
POT LIFE A+B	: 45 min (23 °C)
COLOUR A+B	: White, Red, Blue, Green, Black, Orange, Grey
APPLICATION BY	: Brush, paint roller, airless spray or air guns.
TOOL CLEANING	: None
TH.COVERAGE	: Approximately 1-3 m ² /kg with one coat
SOLID	: 63 ± 2 valume
FLAS POINT	: 22 °C
VOC-USA	: 180

DRING TIME / SANDSPAPERING

ARTICLE	10 °C	15 °C	23°C	35°C
Max.	38 Hours	28 Hours	24 Hours	20 Hours
Min	24 Hours	20 Hours	16 Hours	12 Hours

STORAGE

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

HAZARD IDENTIFICATION

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.
Irritating to eyes and skin. May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



Irritant



Dangerous for the environment

Additional warning phrases : Contains epoxy constituents. See information supplied by the manufacturer. This information is provided by the present Safety Data Sheet.

The preparation may be a skin sensitiser. It may also be a skin irritant and repeated contact may increase this effect.

PERSONEL PROTECTION

Engineering measures : Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
Solvent naphtha (petroleum), light arom.	EU OEL (Europe, 6/2000). TWA: 100 mg/m ³ 8 hour(s). Form: All forms TWA: 20 ppm 8 hour(s). Form: All forms

Personal protective equipment

- Respiratory system** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use respiratory mask with charcoal and dust filter when spraying this product.(as filter combination A2-P2). In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush, consider use of charcoalfilter.
- Skin and body** : Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.
- Hands** : For prolonged or repeated handling, use the following type of gloves: gloves: polyvinyl alcohol or nitrile.

TRANSPORT INFORMATION

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

International transport regulations

- Proper shipping name** : Environmentally hazardous substance, solid, n.o.s. (epoxy resin (MW < 700))
- Marine pollutant substances** : epoxy resin (MW <700)
- UN Number** : 3077
- Class** : 9
- Packing group** : III
- Label** :



Marking : The environmental hazardous / marine pollutant mark is only applicable for packages containing more than 5 litres for liquids and 5 kg for solids.

Additional information

- ADR / RID** : Tunnel restriction code: (E)
Hazard identification number: 90
Special provisions: 274
- IMDG** : Emergency schedules (EmS): F-A, S-F
Marine pollutant: Yes.

Transport in accordance with ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.