

SEMBOL SELF LEVELING EPOXY FLOOR COAT

DEFINITION: It is an epoxy resin based, polyamine hardener, 3-component, solvent-free floor coat with high chemical and mechanical resistance.

QUALITIES: It is solvent free and easy to apply. While it adheres perfectly to the applied surface, it provides water impermeability and high resistance against chemicals. It has high stress and abrasion resistance. It creates a surface which is suitable for hygienic requirements, does not contain microbes and is easily cleaned.

APPLICATION AREA: It is used in cases where concrete is exposed to excessive loads, and especially abrasion forces, such as factories, assembly workshops, warehouses and aircraft hangars, and where the surface is desired to be protected against chemicals; such places where hygienic environment is required for cleaning and health such as hospitals and food facilities.

APPLICATION

Surface Preparation and Application: New concrete and cement plasters must be cured for at least 21 days. After the mortar residue etc. on the cured surface is removed by light sanding or brushing, Sembol Solvent Free Epoxy Transparent Primer is applied. Loose particles such as paint, dirt, dust on old concrete and cement plaster surfaces are removed by sandblasting, scraping or brushing. Oil and grease residues are cleaned with detergent water, and if neutralization is required, the surface is wiped with 3-4% hydrochloric acid or acetic solution and washed with water. Care should be taken to ensure that the floor is completely dry before priming. Sembol Epoxy Floor Coating is applied after at least 24 hours and at most 3 days after primer application.

Application: The first component is mixed with the second component for a minimum of 3 minutes until it becomes homogeneous. According to the desired thickness, the third component is added to the mixture in the appropriate amount and the last component is mixed for 3-4 minutes. The homogeneous mixture is spread with the help of tools (notched trowel) that will provide the desired thickness on the ground which was prepared. Air bubbles of the fresh coating which was spread on the surface are removed by the spiked roller. Thin coating can be applied by roller.

Thinner: It is ready to use, not thinned

Form of application: Notched trowel, spiked roller.

Curing time: Time to walk on it is 16 hours, Curing time is 8 days (Time to gain resistance to mechanical loads and chemicals)

Pot Life : 30 minutes (As the mixture amount and ambient temperature increase, the life of the mixture decreases.)

Coverage: 1.5-2 Kg / m² for 1 m² area for each 1 mm thickness

Packaging: 15+3,4+4,6=23 Kg. Fixed

Safety Warnings:

S2 Keep out of the reach of children.

S7 / 9 Keep container tightly closed and in a well-ventilated place.

S16 Keep away from sources of ignition. - No smoking.

S23 Do not breathe vapor.

S24 / 25 Avoid contact with eyes and skin.

S29 Do not empty into drains.

S37 / 39 Wear suitable gloves, safety glasses and mask.

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well-ventilated areas.

Risk Warnings:

R10 Flammable.

R20 Harmful by inhalation.

R38 Irritating to skin.

R48 Danger of serious damage to health under prolonged exposure.

R65 Harmful: May cause lung damage if swallowed

R67 Vapors can cause drowsiness and dizziness.

Hazardous Warnings:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 Causes allergic skin reactions.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 May be fatal if inhaled.

H332 Harmful by inhalation.

H400 Very toxic in the aquatic environment.

H410 Long lasting, very toxic effect in the aquatic environment.

H411 Long lasting, toxic effect in the aquatic environment.

H412 Long lasting, harmful effect in aquatic environment.

H225 Easily flammable liquid and vapor.

H226 Flammable liquid and vapor.

Precautionary Warnings:

P210 Keep away from heat / sparks / flames / hot surfaces. - No smoking.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P303 + P361 + P353 If in contact with skin (or hair): Immediately remove / remove all contaminated clothing. Rinse your skin with water / shower.

P308 + P313 Get medical attention / care if exposed or interacted.

P370 + P378 In case of fire: Use foam, carbon dioxide, dry powder or water for extinction.

P403 + P235 Store in a well-ventilated place. Keep it cold.

P501 Dispose of contents / container according to national regulations.