

Jotafloor EP 600

Solvent Free, High Solid Epoxy Coating System

System description

This is a two component amine cured solvent free epoxy coating system. It is high performance system. It is a self smoothing, easy to apply system leaving a seamless surface. It has excellent chemical, abrasion and impact resistance. Jotafloor Non Slip Aggregates medium can be used in system for anti slip properties. Can be applied directly in two coats or on approved primers depending on the conditions of the concrete substrate.

Product description

This system consists of below products.

Jotafloor EPC 300 : This is a two component amine cured solvent free epoxy coating. For porous concrete one or two coats of Jotafloor Sealer HS is recommended.

Features and benefits

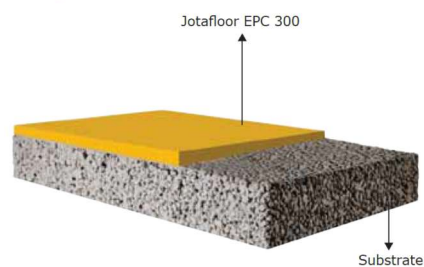
Designed for a wide range of floors with various levels of mechanical and chemical exposure. Recommended for internal carparks & ramps, warehouses where forklifts with rubber tyres are used, workshops, Dairies, Factories, Chemical manufacturing plants, back of house and hotel corridors.

Approvals and certificates

Flexural Strength ASTM C580 41.6 N/mm²
Tensile strength: ASTM C307 : 22.3 N/mm²
Abrasion Resistance ASTM D 4060(CS 17) : 30 mg / 1000 Cycles
Pull Of Strength ASTM D 454 : 3 N/mm²
Water Permeability BS EN 12390 : Nil

Additional certificates and approvals may be available on request.

System



Packaging

Jotafloor EPC 300 18 litres

Volume mentioned is of Component A + Component B

Coverage

	Spreading rate per coat			Dry film thickness				
Jotafloor EPC 300	3.3	-	1.96	m ² /l	300	-	500	µm

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.
Coverage on Non slip aggregate would reduce considerably.

Surface preparation

Substrate should be at least 28 days old and have moisture content not exceeding 5% and leave a clean, sound and stable base. The preferred method of abrading the substrate is dust free captive blasting or diamond grinding.

To fill any blow holes or undulations in the substrate Jotafloor Filler or Jotafloor Filler Plus may be used.

Application

Intermediate Coat

Mix and apply Jotafloor EPC 300 at specified film thickness by roller. For anti slip finish Jotafloor Non Slip Aggregates medium should be broadcasted after first coat of Jotafloor EPC 300 at 0.7 Kg/m².

Storage

The products 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.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Caution

These products are for professional use only. The applicators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators shall use appropriate personal protection equipment when using the products. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.