



COVERSIP

ANTIDUST TREATMENT FOR MONOLITHIC FLOORING
Standard UNI 11146 - UNI 8298-1

DESCRIPTION

This treatment is performed by applying a layer of COVERSIP (epoxy resins suspended in water and mineral fillers) as a film layer to a concrete plate which is smooth and free from defects.

WHERE IT IS APPLIED

Protective applications for cement based supports. Used in car parks, large sheds, warehouses etc...

STRENGTHS

It is a cost effective surface treatment that is easy to apply with excellent mechanical and protective properties.

WEAKNESSES

Any issues may be caused by:

Poor surface strength of the concrete, lack of a smooth surface, pitting and surface defects.

NOTE

The treatment may be coloured or neutral in colour. May be additionally treated with polyurethane.



SPECIFICATION FOR THE DESIGN

COVERSIP coating composed of:

- A) Preparation of the laying surface by sanding the surface with a special machine equipped with rotating discs abrasive and aspiration of dust.
- B) Mixing of packets composed of a base (jar A) and a hardener (B jar) fitted with a drill and a special whip and adding water to make up approx. 5% -10% of the total weight of the resin to obtain an emulsion which is uniform in colour.
- C) Two coatings of COVERSIP must be applied by mixing 120/150Gr per coating, applied either using a roller or a sprayer, allowing at least 24hours between applications. Application time: approx. 30 minutes

COVERSIP TECHNICAL DATA SHEET

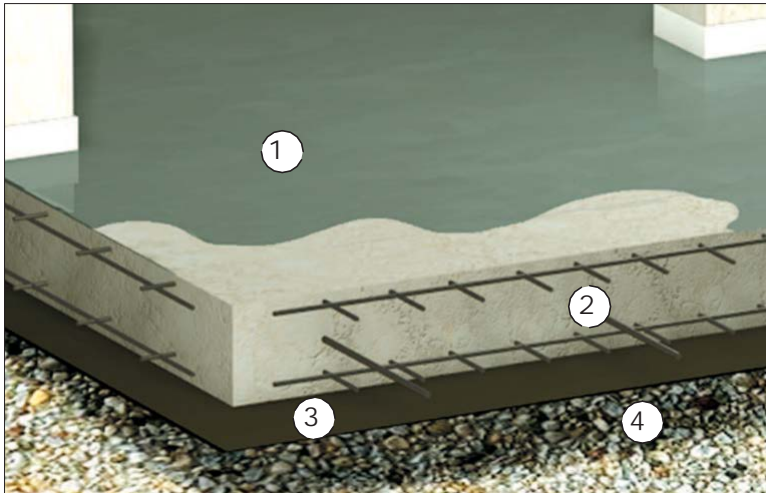
PREPARATION OF THE SUPPORTING BASE

Carefully preparation the concrete surface so it is smooth and defect free. Sanding and cleaning.

FLOORING COMPOSITION

- 1) Surface layer of **COVERSIP**
- 2) A reinforced smooth concrete plate
- 3) Stabilised load bearing soil

The flooring must be isolated from elevated structures.



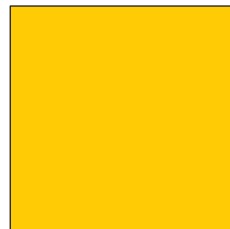
1) COVERSIP LAYER.
2) Reinforced concrete plate according to the project.
3) PVC damp proof barrier
4) Soil stabilised using the Westergaard method.

COVERSIP		SUPPORT	BARRIER	STABILISED
Specific gravity	1,33 g/mc	Concrete > RC 30 Reinforced with mesh or fibres depending on the project Usage in accordance with the application table (See reference table) Best used on DURSIL S FLOORS	Polyethylene sheet on top Separation from the structure In elevation	STABILISED SOIL In several steps Rolling and wetting with Resistance between $K \geq 10/25 \text{ kg/cm}^3$
Viscosity at 20°	1500 mPa.s			
Pot-life 20°	approx. 60min			
Adhesion to the cls.	> 3.5 mPa.s			
Dry residue	56% in weight			
Usage	approx. 200g/m ² by hand, thickness of approx.80 Um			
Dry to the touch	6 hours			
Walkable	in approx. 45 hours			
Hardened off	7 days			

SURCHARGES

A surcharge is made for an additional polyurethane treatment. RAL Colours

Base colours for illustrative purposes only.



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