

# ALEXCOAT UVE



## Unsaturated vinyl ester coating system Reinforced by Glass Flake

### Description

ALEXCOAT UVE is a 2 component vinyl Ester based coating system and powder as a third component.

### Uses

- Steel tanks for the storage
- Sealing reinforced concrete indoors or out door.
- Is suitable as coating system to be driven On directly by vehicles.

### Advantages

- Chemical resistant-highly resistant to a wide range of industrial chemicals (sewage-urine-dilute acids-salt water Alkalis-oils-battery acids).
- Very fast hardening
- Crack bridging
- Conductive
- High mechanical properties

### Surface preparation

#### For concrete

The surface must be clean and free from dust, loose particles and grease. Oil and grease contaminated concrete surfaces should be treated with ALEXCHEM degreaser and should be dry and moisture content is less than 4% The average value of surface tensile strength should not be below 1.5 N/mm<sup>2</sup>.

### For Steel

Blast cleaning to Sa 2½ according to EN ISO12944 Part 4.

Free from dirt, oil and grease.

### Properties

Colour	Grey or other	
Pot life	15 min	20°C
Normal dry film thickness	2 mm	
Temp Resistance	Up to approx.+100°C	
Electrical Resistance	≤ 1x10 <sup>8</sup>	
Crack Bridging	Up to max 0.2mm	
Crack resistance	Approx.73N/mm <sup>2</sup>	

### Guide to application

#### **Mixing:**

Stir the hardener until homogenous compound is obtained, then fill into a clean container to stir up again. Add powder according application and required mixing ratio. Mixing time should be at least 3 minutes.

#### **Application:**

##### **As a primer**

##### **ALEXCOAT UVE**

Apply component (A+B) only as a primer coat

**As a Screed mortar**

**ALEXCOAT UVE** should be mixed Using mechanical mixer .Mix component (A + B) together first, place component (C) into the mixed resin components (A +B) slowly using a slow speed drill (250 r.p.m) until a thorough mixing is completed till uniform colour is achieved. Continue mixing after homogeneity by at least 3 min.

The mixed material is raked to the Required Thickness and tamped with a wooden float, or leveled with a screeding bar, to ensure full Compacting. Final finish trowel by steel float to achieve the recommended finish.

**As a Finish coat**

**ALEXCOAT UVE** should be mixed using mechanical mixer .Mix component (A + B) together until a thorough mixing is completed till uniform colour is achieved. Continue mixing after homogeneity by at least 3 min.

**Guarantee:**

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

**Technical Service:**

For any technical advice for using the **ALEXCHEM** contact the technical office.

**Coverage:****Case (Mortar screed epoxy)**

Is approximately covers 3.2 m2 at 5.00mm thickness per30 kg pack

**Storage:**

Store out of direct sunlight, clear of the ground on pallets protected from rain fall. Protect from extremes of temperatures.

**Packing:**

Is supplied in 30 kg pack containing Base, Hardener and aggregate .

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