

# TECHNICAL SHEET

## FACTORY EPOS®

### DESCRIPTION

Ready-to-use formula, based on epoxy resins, modified during solvent phase, bi-component, available in different colours, containing inert fillers.

### USE

It is a system in a thin thickness between 5 and 200 microns, for industrial cement floorings and wall covering. It is therefore particularly suitable for:

- industrial flooring at light/medium traffic;
- show rooms;
- garages;
- packaging areas for food and pharmaceutical industries;
- storehouses;
- food industries;
- cold stores.

### CHARACTERISTICS

The particular formula of this product enable to obtain a thin film with high characteristics of surface resistance.

Besides above mentioned uses, it is used to finish monolithic self-levelling floorings in order to remove and/or get better resistance to scratch.

The product, a cold thermo-hardener, enable to obtain surfaces with an appreciable aspect.

Coverings obtained are dust-, water-, oil- and vapour-proof.

We point out that epoxy products are the most indicated for chemical and food industries, since, besides resistance to chemical agents, they don't allow to bacterial flora to proliferate. Therefore they are also a good defence against radioactive sources.

### WAY OF APPLICATION

Preparation of surface:

the support has to be dry and clean, without incongruence and detaching friable parts. If cement is new let proceed with a light abrasive spatulation and a careful dust suction. If the cement has been used let proceed with a careful cleaning and a good removal of possible oil spot and surface dirtiness. Mix the two components some minutes with a mechanic mixer at low speed, till obtaining an homogeneous mixture. Therefore, on the correctly prepared support, apply with a good quality roller or brush the first hand of FACTORY EPOS, with function of anchoring primer, at a rate of about 200 gr/mq.

After hardening of first hand, within and not later than 24 hours, apply one or more hands of FACTORY EPOS (sugg. about 150 gr/mq. each hand) till obtaining the desired result.

### LIMITATIONS

The product has to be applied at temperatures between + 15°C e + 40°C.

Optimal workability at +20°C. with relative humidity not higher than 65-70%. Attention: FACTORY EPOS must not be applied in very humid and cold rooms, since there could be whitish blotches on surface, which do not compromise resistance but ruin esthetical effect.

The product in the original packaging, put in a repaired and dry place, is guaranteed for one year. It is suggested not to stock product at temperatures lower than + 5 °C. The product don't stand the cold.

#### TECHNICAL DATA

**Specific weight:** 1,25 kg/lit

**Dry waste:** 70%

**Drying at +20°C:** out of dust: 40 minutes

**Dry at touch:** 3 hours

**Total hardening:** 36 hours, over-apply 12 hours

**For moving of heavy charges:** wait 4\5 days

**Mixing rate:** A= 100 + B= 20

**Dilution:** diluents for epoxy

**Indicative mechanical characteristics after 7 days at + 23°C:**

**Abrasion resistance:** 55 mg ( taber Cs 17)

**Breaking lengthening:** 7%

**Adhesion to concrete:** higher than 2 Mpa

#### COLOURS

As per RAL color shedule. According to a sample for quantities over 30 kg.

#### PACKAGINGS

Kit A+B of kg. 6 and kg 12.

#### PRECAUTIONS

Avoid contact with skin, eyes, etc. In case of accidental contact abundantly wash with water and soap and/or special creams. It is recommended to use protective gloves. Above all in closed rooms please give a good ventilation and avoid to inalate vapours by using suitable filter masks.

Do not smoke and avoid use of free flames near the place of work or storage.