

## ARCHITOP<sup>®</sup> CATALYST

### Liquid catalyst for Architop<sup>®</sup> coating

#### DESCRIPTION

ARCHITOP CATALYST is a water based copolymer compound. When ARCHITOP CATALYST is mixed with Ideal Work Colour Hardener it is possible to create a highly resistant cement based coating with great aesthetic qualities. Thickness 2-4 mm

#### USES

- Internal and external applications;
- Renovation of flooring with height or weight limits
- Renovation of industrial flooring;
- Renovation of ceramics floorings, sand-cement screed, self-leveling surface.
- High traffic surfaces;

#### ADVANTAGES

Surfaces coated with ARCHITOP CATALYST mix show the following advantages:

- Increased adhesion
- Excellent water resistance;
- Increased resistance to chemicals products;
- Double abrasion resistance;
- Increases freeze-thaw resistance;
- Absence of joints, if not provided for by existing floor
- Can be finished both smooth and textured;
- 29 colours available

#### SURFACE PREPARATION

Each surface is treated differently depending on whether this is concrete, sand-cement screed, ceramic or a self-levelling surface.

The concrete base, min. 25 N/mm<sup>2</sup> grade must be pre-treated by grinding or shot-blasting and high-pressure wash etc. The surface must be free from cracks, cement slurry, dust and loose particles, oils, greases and other contaminations, rough and open-pore. The minimum surface strength should be 1,5N/mm<sup>2</sup>.

The concrete substrate is to be pre-wetted 1 day prior to the installation, avoiding the formation of puddles.

#### Recommended primers:

EPOXY-COAT: tiles, marble, steel, wood, sand/cement screed, self-levelling.

BARRIERA-CEM+ EPOXY COAT: potentially humid surfaces.

Contact IDEAL WORK for more information.

**NOTE:** If there are areas with the presence of hydraulic fluids, cutting oils or other materials suspected of migration, they should be properly treated. In the event that there is no guarantee that you will get a suitable surface, it is recommended **not to proceed** with the application of the product.

## MIXING

Mix ARCHITOP CATALYST thoroughly for at least 2 minutes.

### 1<sup>st</sup> COAT

**Use the product undiluted.**

Coverage: 25 kg Colour Hardener + 6 kg ARCHITOP CATALYST = 15m<sup>2</sup>

Apply by steel trowel or magic trowel. It is important that the thickness should not exceed the size of the aggregates in the cement mixture.

### 2<sup>nd</sup> COAT

After at least 30 minutes (according to the season) apply the 2<sup>nd</sup> coat of ARCHITOP "wet on wet" (walking with spike shoes).

**Use the product diluted: 2 parts ARCHITOP CATALYST (4kg) + 1 part water (2 kg).**

Coverage: 25 kg Colour Hardener + 6 kg ARCHITOP CATALYST MIX = 15m<sup>2</sup>

Apply by steel trowel or magic trowel. It is important that the thickness should not exceed the size of the aggregates in the cement mixture.

As soon as the surface begins to dry it is possible to achieve a smooth finish working the surface with a power trowel (helicopter).

Avoid going over the same area several times consecutively. Wait a few minutes between each smoothing operation.

Keep tools clean during processing. In particular, the blades of the power float/helicopter must be cleaned after each pass.

It is recommended to use IW-EC to improve the workability of the surface.

KEEP ARCHITOP CATALYST COOL PRIOR TO AND DURING USE. ICE CUBES MAY BE USED IN THE ARCHITOP CATALYST SOLUTION AND ALSO ADDED TO THE MIXING PAIL TO FURTHER EXTEND POT LIFE. KEEP THE MIX OUT OF DIRECT SUNLIGHT TO KEEP COOL.

Application temperature: > 10°C < 30°C

Storage temperature: > 5°C < 35°C

## COVERAGE

### **1st coat:**

Colour Hardener	2,00 Kg/m <sup>2</sup>
ARCHITOP CATALYST	0,480 kg/m <sup>2</sup>

### **2nd coat:**

Colour Hardener	1,50 Kg/m <sup>2</sup>
ARCHITOP CATALYST	0,240 L/m <sup>2</sup>

## PACKAGING

25 L tanks

## NOTICE

In case of application on old floors, it is recommended to carry out some adhesion tests.

### **IMPORTANT:**

All the information contained in this sheet is based on the best practical and laboratory applications. It is the customer's responsibility to check the product is suitable for the use. The manufacturer declines any responsibility for wrong application. It is recommended to carry out tests on small areas before application. This sheet replaces and cancels any previous one. The data contained can be changed anytime. Ideal Work products are for professional use and the company organizes periodical training of its customers on demand. Anyone who uses these products without qualification, takes all the risks connected.

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