

SCALA AD 31

SURFACE DEACTIVATOR WITH ATTACK LEVEL 1

1. DESCRIPTION

SCALA AD 31 is a water-based surface deactivator with attack level 1.

2. FIELD OF USE

SCALA AD 31 is used to execute the deactivated finish for SCALA DECOR decorative floors.

SCALA AD 31 is purposed to delay the hydration of cement on the surface, allowing a textured finish to be achieved with the aggregates in view. It can also be used on concrete surfaces to be deactivated. The degree of deactivation will depend on the size of the aggregates that make up the deactivated concrete.

3. PRODUCT CHARACTERISTICS

Paste product	Value
Color	Pink
Density at 25º C	1,50 ± 0,05
Viscosity	< 500 mPa.s
pH	3 ± 1
Theoretical yield (adhesion film)	5 to 6 sqm/litre

4. APPLICATION

a) Substrate preparation

Spraying should take place immediately after finishing the SCALA DECOR floor and the surfaces must be levelled and trowelled.

b) Application

SCALA AD 31 must be perfectly homogenized by shaking prior to application. Apply the deactivator evenly with a spray system (opening nozzle 0.79 mm, pressure 2/4 bars). The surfaces should be protected from water after execution, particularly from rain.

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1. Trowelling of SCALA DECOR's fresh surfaces



2. Spraying of SCALA AD 31 on fresh surfaces



3. Waiting time until the bottom layer hardens



4. Removal of the surface layer by water jet, exposing the aggregate



5. After curing is complete, application of surface protector B-REPARA PROTEÇÃO AD40

c) Washing

The waiting time until washing and the pressure of the water jet contribute decisively to the quality of the finish and depend on external factors like the atmospheric conditions. It is therefore advisable to carry out on-the-job tests so as to best reconcile the conditions of the work and the climatic conditions with the desired final deactivation level.

After setting (5 to 24 hours after spraying, depending on atmospheric conditions), wash with a controlled pressure water jet to expose the aggregate.

During washing, the water jet projection nozzle should be kept at a distance of 20 to 40cm from the surface at a 45° angle. A brushing can be used to remove traces of the retarder.

d) Restrictions

SCALA AD 31 should not be applied at ambient or substrate temperatures below 5°C or above 25°C.

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e) Complementary Advices

- The yield of **SCALA AD 31** must be observed as indicated above in order to guarantee its performance;
- Do not add any other products to **SCALA AD 31**, which must be applied exactly as presented in its original packaging;
- Clean the spraying materials with water only;
- On-the-job preliminary tests should be carried out to determine whether the method of use and the conditions of use are satisfactory;
- Protect painted facades and other porous substrates from **SCALA AD 31** spraying.

5. PACKAGING AND VALIDITY**Packaging**

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Validity

12 months provided the conditions of the original packaging remain unaltered and in good storage conditions, protected from extreme temperature and humidity.

6. HEALTH AND SAFETY

(DOES NOT REPLACE CONSULTATION OF THE PRODUCT SAFETY DATA SHEET)

- Irritating to eyes, respiratory system and skin;
- May cause sensitization in contact with skin;
- Do not breathe the spraying;
- Avoid contact with skin and eyes;
- If it comes in contact with eyes, rinse immediately and abundantly with water and seek a specialist advice;
- Use protective clothing and appropriate gloves;
- Keep out of children's reach.

Being the conditions of applying our products out of our reach we do not take responsibility for its misuse. It is the customer's duty to verify the suitability of the product for the intended purpose. In any case, our responsibility is limited to the value of the goods supplied by us. The information contained in the present data sheet may be altered without prior notice. In case of doubt and if you need any further advice please contact our Technical Services.

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