

IDEAL WORK DEACTIVATOR

Surface deactivator for the production of exposed aggregate concrete surfaces

DESCRIPTION

IDEAL WORK DEACTIVATOR is a surface deactivator for the production of exposed aggregate concrete surfaces. The different formulations (water or solvent-based) and the different versions for all types of exposure depths, from micro-exposure to the coarsest exposed aggregate concrete, offer a wide range of applications. IDEAL WORK DEACTIVATOR can be used for all concrete surfaces, especially for architectural concrete SASSOITALIA and ARCHIBETON.

PRODUCT CHARACTERISTICS

- Available in solvent-based or water-based formulation
- New formulation with curing compound and rain-protection
- Very abrasion-resistant (vibration)
- Fast drying
- Colour coded
- Sprayable
- Very high coverage rate

ADVANTAGES

- Can be used for negative (face down, prefabrication) and positive (top-surface, flooring) applications.
- Suitable for horizontal and vertical moulds
- Suitable for all kinds of moulds/form-liners
- Available in many exposure-depths, from micro-exposure to deep texturing
- Low cost per sqm

TYPES

- BA, water-based, suitable for negative (face-down) and positive (top surface) applications.
- BA-CC, water-based, suitable for positive (top surface) applications with Curing Compound and rain-protection.

Code	Aggregate size	Exposure depths
GIALLO-BA	9-12 mm	Approx. 4.0 mm
GIALLO-BA-CC	9-12 mm	Approx. 4.0 mm
GIALLO-BA-CC11	5-9 mm	Approx. 2.0 mm

However these are only guidelines, because the final exposure-depth is not only controlled by the chosen type of DEACTIVATOR but also affected by the amount of cement and sand, by the type of cement (grey or white), by the water-cement ratio and by the application time etc.

TECHNICAL INFORMATION

IDEAL WORK DEACTIVATOR must be mixed thoroughly before use.

For negative (face-down, prefabrication) applications

IDEAL WORK DEACTIVATOR should be applied to the mould uniformly (criss-crossing) in one coat with a short-nap painting roller. After a short drying time, in

which DISATTIVATORE IDEAL WORK (Ideal Work Deactivator) forms a solid, abrasion-resistant coating, the casting of the concrete can begin and should be carried out with care in order to rule out segregations of the face concrete.

For positive (top-surface, flooring) applications

IDEAL WORK DEACTIVATOR should be carefully sprayed onto the fresh concrete surface, taking care to cover the surface thoroughly and evenly. The concrete surface must be smooth, free of excess surface water and especially free of any segregations. It is not necessary to cover the sprayed surface but it can be beneficial under extremely cold weather conditions. We recommend an airless-spray with a medium tip/nozzle size. The nozzle size depends largely on the kind of sprayer, but should range between 0.6 and 1.2 mm.

IDEAL WORK DEACTIVATOR should be given time to dry before full rain protection is established.

The drying time depends on the outside temperature and the consumption of the material, and may vary between 10 and 30 minutes. The choice of the right type of DISATTIVATORE IDEAL WORK (Ideal Work Deactivator) for each individual case should be made through trials, i.e. the test samples should be produced according to the exact production type regarding the concrete mix design, production course and time, thickness of the concrete panel and the resulting setting temperature. The concrete design mix and its consistency must rule out the possibility of segregations and of the concrete setting too quickly. The initial setting of the concrete should not start earlier than 45-50 minutes after the concrete has been placed into the mould. All possible data determined in the trials should be transferred to the production process as exactly as possible. If it is necessary, the vibration time should be kept as short as possible but as long as necessary and must be determined in trials. However the vibration should begin no later than 45 minutes after the concrete has been placed into the mould.

Wash-out

Washing normally takes place within 12-24 hours. However, it can also be carried out after 36 or 48 hours, but this must be tested in pilot trials. It is very important to keep the same washing rhythm when producing a coherent line of panels. However this washing rhythm might have to be adjusted if the outside temperature changes dramatically. The most efficient way of washing the panels is with a high-pressure water-jet. It is also possible to brush the panels by means of a hard-bristle medium-bristle brush or broom.

CONSUMPTION AND STORAGE

This depends on the absorbency of the mould-surface. 1 kg for approx. 6-12m². Store in closed containers and in a cool and ventilated room. Can be stored for approx. 12 months in original containers. Open containers should be closed again immediately after use.

PACKAGING

15 kg buckets.

IMPORTANT:

All information contained herein is based on the best practical and laboratory. It's to the customer to determine that the product is suitable for the application they want to. The manufacturer assumes no responsibility for the results of incorrect applications. You should always test on a small area before application. This card replaces the previous. The data can be changed at any time. Also note that the products are intended for professional use Ideal Work Ideal Work provides training and that of their regular customers who request it. Anyone using these products without being enabled, you do so at your own risk.

Revision 01 dtd 22/05/2015