

Hardening agent for industrial floors with corundum

Description

Pre-mixed mortar with corundum, quartz aggregates and special admixtures for hardening the surface of new industrial floors. It offers very high resistance in abrasion and impacts.

It is classified as CT-C80-F10-AR1 according to EN 13813.

Fields of application

EXTRA-TOP CR is used in applications with very high demands in mechanical strength. It is applied on cementitious substrates like concrete or screeds. It is appropriate for industrial floors, basements, auto repair shops, machine shops, parking lots, warehouses, loading-unloading areas, etc.

Technical data

Form:	cementitious powder
Color:	grey
Bulk density of dry mortar:	1,71 ± 0,10 kg/lit
Compressive strength:	88,00 ± 5,00 N/mm ²
Flexural strength:	11,00 ± 1,00 N/mm ²
Wear resistance:	AR1

Directions for use

1. Substrate

The substrate can be:

- Reinforced concrete
- Screed at least 5 cm thick, that will have to be well adhered to the substrate (concrete) through a bonding layer with ADIPLAST, DUREBOND or FERROSEAL.

2. Application

EXTRA-TOP CR is applied dry in two layers (1st layer about 2/3 of the total quantity, 2nd layer the rest 1/3 of the total quantity) by broadcasting on fresh concrete or screed right after it starts setting.

Finally, the material is treated with a special smoothing machine (power float).

With the smoothing machine, compaction of the first layer to the fresh concrete is achieved and then follows the compaction and the treatment of the second layer.

Consumption

3-5 kg/m².

Packaging

EXTRA-TOP CR is supplied in 25 kg paper bags.

Shelf-life - Storage

12 months from production date if stored in original, unopened packaging, in places protected from moisture and frost.

Remarks

- Temperature during application should be at least +5°C.
- The product contains cement, which reacts as alkaline with water, and is classified as irritant.
- Consult the directions for safe use and precautions written on the packaging.

EXTRA-TOP CR



ISOMAT S.A.
17th km Thessaloniki – Ag. Athanasios
P.O. BOX 1043, 570 03 Ag Athanasios, Greece

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EN 13813 CT-C80-F10-AR1

Cementitious screed material for use internally
in buildings

DoP No.: EXTRA-TOP CR /1643-03

Reaction to fire: A1_{fl}

Release of corrosive substances: CT

Water permeability : NPD

Water vapour permeability: NPD

Compressive strength: C80

Flexural strength: F10

Wear resistance: AR1

Sound insulation: NPD

Sound absorption: NPD

Thermal resistance: NPD

Chemical resistance: NPD

ISOMAT S.A.
BUILDING CHEMICALS AND MORTARS
MAIN OFFICES - FACTORY:
17th km Thessaloniki - Ag. Athanasios Road,
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece,
Tel.: +30 2310 576 000, Fax: +30 2310 722 475
www.isomat.net e-mail: info@isomat.net

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