

# EXTRA-TOP

## Hardener for industrial floors

### Description

EXTRA-TOP is a pre-blended mortar containing quartz aggregates and special admixtures used onto the fresh surface of industrial floors, providing high abrasion and impact resistance.

Certified according to EN 13813 and is classified as CT-C70-F7-AR2. CE marked.

EXTRA-TOP has received an Environmental Product Declaration (EPD) following an assessment of its life-cycle environmental impacts. Registration No: S-P-09181, The International EPD® System.

### Fields of application

EXTRA-TOP is used in those applications where high mechanical strength is required. It is applied to cement-based substrates like concrete or cement screeds. Suitable for industries, basements, auto repair shops, machine shops, car parks, warehouses, loading and unloading areas, etc.

### Technical data

|                             |                        |
|-----------------------------|------------------------|
| Form:                       | cementitious powder    |
| Colors:                     | grey, red-brown, ochre |
| Bulk density of dry mortar: | 1.60 ± 0.20 kg/l       |

#### EXTRA-TOP grey

|                       |                                |
|-----------------------|--------------------------------|
| Compressive strength: | 72.00 ± 2.00 N/mm <sup>2</sup> |
| Flexural strength:    | 8.00 ± 1.00 N/mm <sup>2</sup>  |

#### EXTRA-TOP red-brown

|                       |                                |
|-----------------------|--------------------------------|
| Compressive strength: | 83.00 ± 5.00 N/mm <sup>2</sup> |
| Flexural strength:    | 9.50 ± 1.50 N/mm <sup>2</sup>  |

#### EXTRA-TOP ochre

|                       |                                |
|-----------------------|--------------------------------|
| Compressive strength: | 83.00 ± 5.00 N/mm <sup>2</sup> |
| Flexural strength:    | 9.50 ± 1.50 N/mm <sup>2</sup>  |

### Directions for use

#### 1. Substrate preparation

The substrate can be either:

- the fresh reinforced concrete structure, or
- a leveling screed at least 5 cm thick, which will have to be well adhered to the substrate (concrete) through a bonding layer of ADIPLAST, DUREBOND or FERROSEAL.

#### 2. Application

EXTRA-TOP is applied dry. It is evenly broadcast onto the fresh concrete or screed, right after initial set, in two stages (1<sup>st</sup> stage: approx. 2/3 of the total quantity, 2<sup>nd</sup> stage: the rest 1/3 of the total quantity).

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

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

### Consumption

3-5 kg/m<sup>2</sup>.

### Packaging

EXTRA-TOP is supplied in 25 kg paper bags.

### Shelf life – Storage

12 months from production date if stored in its 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 with water forming alkaline solutions, thus is classified as irritant.
- Please consult the safety instructions written on the packaging before use.

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**ISOMAT S.A.**

17<sup>th</sup> km Thessaloniki – Ag. Athanasios  
P.O. BOX 1043, 570 03 Ag. Athanasios, Greece

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**EN 13813 CT-C70-F7-AR2**

Cementitious screed material for use internally  
in buildings

DoP No.: EXTRA-TOP/1642-03

Reaction to fire: A1<sub>fl</sub>

Release of corrosive substances: CT

Water permeability: NPD

Water vapor permeability: NPD

Compressive strength: C70

Flexural strength: F7

Wear resistance: AR2

Sound insulation: NPD

Sound absorption: NPD

Thermal resistance: NPD

Chemical resistance: NPD

**ISOMAT S.A.**

BUILDING CHEMICALS, MORTARS & PAINTS

**HEADQUARTERS – THESSALONIKI, GREECE**

17<sup>th</sup> km Thessaloniki – Ag. Athanasios Road

P.O. BOX 1043, 570 03 Ag. Athanasios, Greece

T +30 2310 576000

**www.isomat.eu e-mail: support@isomat.eu**