



TECHNICAL / APPLICATION DATA SHEET

OVERLAY MIX™

Product Name

Flex-C-Ment™ Overlay Mix

Size: 27,2 Kg Bag

Description

This product is used for interior/exterior, driveways, patios, decks, and floors. This high density, extra fine mix is created for long lasting protection from erosion and high traffic.



Installation

Check for loose scaly areas such as dirt, loose paint, dust, loose concrete, etc. All loose particles must be removed. Use a good degreaser to remove grease. Mildew (or algae) can usually be removed by using bleach and a wire brush in a small area. Larger areas should be cleaned first with bleach, and then washed with a pressure sprayer.



MACHINE MIXING

o For each bag of Overlay Mix, add approx 3,5 - 4 Lt of clean water.

Precautions

IMPORTANT! READ BEFORE USING.

This product contains portland cement. Contact with cement, freshly mixed concrete, or mortar can cause severe burns. Void direct contact with skin. Wash skin exposed to freshly mixed concrete or mortar directly or through soaked clothing promptly. If this product burns your skin, see a physician immediately. If this product should contact eyes, immediately flush with water and consult a physician. This product may contain silica. Silica dust if inhaled may cause respiratory or other health problems. Prolonged inhalation may cause delayed lung injury, including silicosis and possibly cancer. Dust mask, eye protection and rubber boots and gloves are recommended when using this product.

KEEP OUT OF THE REACH OF CHILDREN.





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TECHNICAL INFORMATION

Tests of fresh and solid mortar were performed within the range for the initial test of a product type according to the requirements of SIST EN 13813:2003 standard. The testing procedures complied with the standards of the series SIST EN 1015 and series SIST EN 13892 as well as with SIST EN 1062 - 3 standard.

Test results were evaluated according to the criteria of SIST EN 13813:2003 standard for screed materials with cement binder.

OVERLAY MIX G

| Property | Measured | | | Testing procedure |
|---------------------------------------|----------|------|-------------|-------------------|
| | 1 | 2 | Mean value | |
| Consistency – flow table test (mm) | 224 | 221 | 223 | SIST EN 1015-3 |
| Dry bulk density (kg/m ³) | 1900 | 1900 | 1900 | SIST EN 1015-6 |
| Air bubble contents (vol.%) | 11.0 | 11.0 | 11.0 | SIST EN 1015-7 |

| | 1 | 2 | 3 | 4 | 5 | Mean value |
|--|--|-------|-------|-------|-------|-------------|
| Water absorption w (kg/m ² h ^{0.5}) | 0.135 | 0.118 | 0.095 | 0.074 | 0.115 | 0.11 |
| Thickness of application d (mm) | 7.9 | 7.7 | 7.2 | 10.2 | 6.8 | 8.0 |
| Classification according to SIST EN 1062 - 3 | Class II (medium water absorption) (0.1 < w < 0.5) | | | | | |

| Property | FLEX - C - MENT OVERLAY MIX | Criteria SIST EN 13813 |
|---|--------------------------------|---------------------------|
| Compressive strength (N/mm ²) | 32,90 | CT > 30 |
| Bending strength (N/mm ²) | 6,5 | F > 6 |

OVERLAY MIX W

| Property | Measured | | | Testing procedure |
|---------------------------------------|----------|------|-------------|-------------------|
| | 1 | 2 | Mean value | |
| Consistency – flow table test (mm) | 183 | 181 | 182 | SIST EN 1015-3 |
| Dry bulk density (kg/m ³) | 1920 | 1920 | 1920 | SIST EN 1015-6 |
| Air bubble contents (vol.%) | 9.5 | 10.0 | 10.0 | SIST EN 1015-7 |

| | 1 | 2 | 3 | 4 | Mean value |
|--|--|-------|-------|-------|-------------|
| Water absorption w (kg/m ² h ^{0.5}) | 0.331 | 0.227 | 0.167 | 0.350 | 0.27 |
| Thickness of application d (mm) | 8.7 | 9.8 | 9.7 | 10.1 | 9.6 |
| Classification according to SIST EN 1062 - 3 | Class II (medium water absorption) (0.1 < w < 0.5) | | | | |

| Property | FLEX - C - MENT OVERLAY MIX W | Criteria SIST EN 13813 |
|---|----------------------------------|---------------------------|
| Compressive strength (N/mm ²) | 41.8 | CT > 40 |
| Bending strength (N/mm ²) | 7.1 | F > 7 |