

COLOUR-MIX

Pre-blended, coloured, fibre-strengthened concentrate for aggregate concrete surfaces SASSOITALIA®

DESCRIPTION

COLOUR-MIX is an innovative product, especially designed for the realisation of exposed aggregate concrete flooring SASSOITALIA®.

COLOUR-MIX is composed of a special fibre-strengthened mixture, based on siliceous aggregates, dye particles, special workability aids, shrink compensating agents and efflorescence inhibitors.

This special concentrated formulation makes it possible to add the cement directly at the site, thereby providing some immediate advantages:

- The material can be used for much longer as it is non-reactive
- From a basic colour, different colours can be obtained by selecting either grey or white cement
- Shipment costs are reduced

MIXTURE PROPERTIES

- Excellent workability
- Higher freeze/thaw resistance
- Wide range of colours
- High-abrasion resistance
- Can be used with the monolithic method ("fresh on fresh") and as an overlayment ("fresh on hardened") and in combination use primer IDEAL-BOND
The special formulation is designed to work with reduced water:cement ratio, so improving durability
- A smaller thickness of the coloured mix (2-3 cm) is required thereby resulting in a saving in material and skilled labour
- Flexibility of the process makes both large and small projects economic
- Homogeneous results
- Other additives are not needed
- Easy to use

TECHNICAL SPECIFICATIONS

Description	Standard	Value
Concrete adhesion with Ideal Bond	UNI EN 1542	2,00 N\mm ²
Apparent volumetric mass of wet mortar	UNI EN 1235/6	2.345 kg\m ³
Compression strength 28 days	UNI EN 12390/3	45,8 Mpa
Flexural Strength after 28 gg	UNI EN 12390/5	5,50 Mpa
Hydraulic shrinkage after 7 gg	UNI EN 6555	93 µn\m
Hydraulic shrinkage after 28 gg	UNI EN 6555	233 µn\m

The technical data of the tests may vary if the aggregates, or the type of cement or water-cement ratio are changed