

DECOCEM



DESCRIPTION

Micro-cement coating for surface finishing on floors and walls

PRODUCT PROPERTIES

Microtec aes s a pre-mixed, polymer modified, fiber-reinforced microcement coating, without corrosive ingredients, suitable for indoor and outdoor applications, on floors and walls, offering:

- Abrasion resistance.
- Very good bonding to the substrate.
- Water repellency.
- A special aesthetic result.

It is classified as a pcc r3 mortar for concrete repairs, according to en 1504-3.

RECOMMENDATIONS FOR USE

Microtec aes s used both internally and externally, in numerous applications, such as stairs, floors, walls, as well as wherever a special aesthetic result is desired (e.G. Cycladic architecture). Also used in houses, stores, hotels etc. And special constructions, such as built-in beds, built-in sanitary ware (washbasins, showers etc.).

TECHNICAL DATA

Form:	Cement powder
Color:	White
Pot life:	2 Hours in + 20°C
Water demand:	6,25- 6,50 L / 25 Kg sacks
Bulk density of dry mortar:	1.30 ± 0.05 Kg / l
Bulk density of fresh mortar:	1.80 ± 0.10 Kg / l
Compressive strength:	35 N / mm ²
Flexural strength:	8.5 N / mm ²
Chloride ion content:	0.00%
Adhesion strength:	1.8 N / mm ²
Adhesion strength after freeze-thaw cycles:	1.6 N / mm ²
Elongation module:	20 Gpa
Abrasion resistance:	Ar 2
Capillary water absorption:	0.2 Kg • M2 • h0,5
Reaction to fire:	Euroclass F
Application thickness:	1- 3 mm

SURFACE PREPARATION

The substrate should be clean, free of dust, oily or loose materials, etc. Any cavities such as cracks or holes in the substrate should be properly filled. Before applying microtec aes on absorbent substrates, such as masonry, concrete, plaster, gypsum board, they should be first primed with the acrylic primer fm primer in 1-2 layers, depending on the absorptive of the substrate. DECOCEM is applied after 2-3 hours, depending on the weather conditions, provided that the primer has sufficiently dried. Non absorbent substrates, such as old tile layers or mosaic, should be primed with the primer tecnofix liquid. Microtec aes may be applied after 24 hours, as long as the primer has completely dried.

APPLICATION OF PRODUCT

DECOCEM is gradually added to water under continuous stirring, until a mixture of the desired workability is formed. The product is applied with a 10 mm notched trowel. A 145 g/m² reinforcing fiberglass mesh is installed on the 'combed' surface of microtec aes, which is then embedded with the smooth side of the trowel, forming a relatively even surface. Twenty-four hours later, the hardened surface of microtec aes is primed with the acrylic primer fm primer. While the primer is still fresh (fresh on fresh), microtec aes is applied in a thin layer (1- 2 mm) in any desired color, in order to form the desired style of the micro-cement coating.

PACKAGING

25 Kg paper bags

STORAGE

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

HEALTH AND SAFETY INFORMATION

Keep out of reach of children. In case of contact with the eyes or swallowing, please seek medical advice immediately and show the contents of the container. Do not dispose the product into drains.

