

# COLLEDANI CERICUM

## INDOOR/OUTDOOR SPECIAL RESIN-CEMENT FLOORING SYSTEM

### Description

**Colledani CERICUM** is a tricomponent compound and can be applied over surfaces such as concrete slab, mortar or self levelling screed, ceramic tiles, marble, stone etc.

**Colledani CERICUM** contains the desiccated version of a polymer and a selection of special additives which provides high adhesion to various substrates and reduces shrinkage and improve physical and application properties.

**Colledani CERICUM** is suitable for indoor and outdoor application and is unaffected by freeze/thaw conditions and salt treatments.

### Field of application

**Colledani CERICUM** can be use for residential, commercial and industrial stabs.

Its application allows to level and smooth the surfaces and makes them suitable for pedestrian traffic and in areas where rubber-wheeled vehicles are in use.

**Colledani CERICUM** minimises shrinkage and crack tendency. It has excellent smoothing properties and low modulus of elasticity.

**Colledani CERICUM** is a material that molds and refines commercial spaces, furnishings (eg. tables, counters, shelves, etc.), reception, showrooms and residential rooms, as well as to act as cohesive element between past and present thanks to its material aspect.

It also gives added value to every kind of environment, giving an urban and modern look, without forgetting the functional aspects such as high mechanical strength and ease of cleaning

### Application guidelines

#### a) Substrate preparation

Concrete substrate must be fully cured, clean and sound to ensure good adhesion. All loose traces of concrete or mortar, dust, grease, oil, formwork release agents, must be removed. Depending on the substrate type proceed with heavy sanding, grinding or shot-blasting it.

#### b) Mixing

First mix the comp. A with the comp. B then add the comp. C.

Mix the product with a suitable paddle attached to a slow speed electric drill until you have a plastic consistency, homogeneous and free of lumps compound.

#### c) CERICUM application

Apply **CERICUM** with a smooth trowel, spreading the compound so that the pattern shows the trowel stroke.

For optimum curing of the product the temperatures during application have to be between +5°C and +30°C and must be maintained for at least 8 hours thereafter. The surface must be mat-damp, but without standing water.

### Storage

Store in cool and dry warehouse conditions. Shelf life is 12 months in unopened original sacks.

### Handling and safety

When using this product, ordinary preventive measures for the handling of chemical materials should be observed. It is recommended to wash the hands after handling the product. Avoid contact with eyes and prolonged contact with skin.

## COLLEDANI CERICUM TECHNICAL DATA

PRODUCT DESCRIPTION		
Colour	All colours available/Except White	
Appearance	Powder and liquid	
Chemical/physical resistances	Excellent	
Working time	30 – 45 min.	
Expiry date	12 months, store in dry warehouse conditions	
Packaging	Comp A 3,00 B 7,00 C 20,00 TOTALE 30,00 Kg	
APPLICATION DATA (at + 5 - 30° C)		
Pot life at 20°C	30 min.	
FINAL PERFORMANCE		
Concrete bonding after freeze/thaw	1,41 Mpa	ASTM C297
Tensile strength after 7 days	P4 Mpa·s	ASTM C882
Compressive strength after 28 days	> 30 N/mm <sup>2</sup>	
Full cure	72 hours	
Fire resistance	"A1"	UBC 15-2

Coverage rates are theoretical and depend on the roughness of the support, for which reason it should be adjusted in each particular job by means of "in site" tests.

#### WARNING:

Indications given above come from the company's current knowledge and experience. They must be considered, under all circumstances, merely as an indication and subject to confirmation only after long-term, practical applications. Therefore, anybody who undertakes to use the product, must ensure beforehand that it is suitable for the intended application and, in all cases, the user is to be held responsible for any consequences deriving from its use.

Colledani S.r.l. reserves the right to change technical characteristics, descriptions and specifications anytime.

PRODUCT FOR PROFESSIONAL USE.

#### Colledani s.r.l.

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