

### MONNELI FUGACOLOR

*Water Repellant Anti-Fungus Tile Grout*

#### Product Description

A high performance, water repellent & anti fungus latex modified cementitious tile grout. The product is composed of a blend of special hydraulic binders, graded silica, special polymers, additives, water repellent agent, anti fungus agent mixed with stable & UV resistant colouring pigments.

It has a high resistance for water absorption which reduces the dirt accumulation in the grout. Anti fungus / anti bacteria additive in the mix, blocks the generation of bacteria and mould.

#### Uses

FUGACOLOR can be used as follows:

- As tile grout in hygienic environments including kitchens, bathrooms, shower stalls, swimming pools, steam rooms, restaurants, hospitals, clinics, etc.
- As joint sealant from 2 - 20 mm of joint width. It is suitable for floors and walls joints internally and externally.
- Grouting for floors and walls in areas subject to intense traffic such as, airports, shopping malls, hotels, etc.

#### Advantages

- Anti-fungus and anti-bacterial
- Ideal for internal and external joints
- Crack free, non-shrinkage grout with high abrasion, compression and flexural strength
- Uniform and free of staining grout colors which are resistant to ultraviolet rays and to weather effect
- Smooth, compact finished surface with very low water absorbance, which maintains less chance of grout color change due to dirt absorbance
- Wide range of color selection

- Very Low VOC, Asbestos Free.
- Formulated to suit Middle East conditions

#### Instruction for Use

##### Surface Preparation

Make sure that the tiles adhesive is totally set before applying FUGACOLOR grout. The joints must be clean, free of dust. Clean the joints between tiles and brush before grouting.

##### Mixing

Mix 1.5– 1.75 Liters of cold, potable water (or GIUNTOLASTIC instead of water as needed), in the mixing bucket and add slowly 5kg bag of FUGACOLOR under continuous mixing until a uniform lump free consistency mix is achieved.

Mix 6.0 – 7.0 Liters of cold, potable water (or GIUNTOLASTIC instead of water as needed), in the mixing bucket and add slowly 20kg bag of FUGACOLOR under continuous mixing until a uniform lump free consistency mix is achieved.

##### Application

After mixing, let the material rest for about 10 minutes, then remix and spread using a rubber grout float.

Let the product set for about 20 minutes and then clean with a damp sponge. After the complete hardening, clean all the surface of the tile with a dry cloth.

##### Cleaning

All used tools should be cleaned with water before the product cures.

## Recommendations

- Do not apply FUGACOLOR in rainy weather, high winds and sand storms.
- Do not apply on surface that has temperature less than +5°C.
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use cool water.
- The product should not be exposed to moving water during application.
- Apply FUGACOLOR when the joint is totally dry
- In case of very high absorbent tiles or high temperature, dampen the joints with clean water.
- It is recommended to grout the joints after 24 hours of tile fixing.
- Since temperature and humidity conditions affect the final curing, it is advisable to allow extended periods of cure when temperatures are low and/ or relative humidity is below 70%.

## Technical Data

Properties	Results
Density (dry) at 25°C	1.9 kg/L
VOC	6.0 g/L
Workable time at 25°C	60 minutes
Compressive strength	30 N/mm <sup>2</sup>
Flexural strength	6.0 N/mm <sup>2</sup>
Water absorption (EN13888)	< 5 g
Resistance to ageing	Excellent
Resistance to moisture	Excellent
Resistance to solvent and oils	Excellent
Resistance to alkalis	Excellent
Noxiousity CEE 88/379	No

All values are subject to 5-10 % tolerance

## Applicable Standards

- European EN 13888 – CG2
- ANSI A 118.7
- ISO 13007-3 as CG2WA

## Packaging

- FUGACOLOR is supplied in 5kg bags
- FUGACOLOR is supplied in 20kg bags

## Consumption

### Formula 1:

$$\frac{W \times D}{1,000} \times L \times 1.9 = \text{Kg. /m}^2$$

### Formula 2:

$$\frac{A + B}{A \times B} \times W \times D \times 1.9 = \text{Kg. /m}^2$$

**W = width of joint (mm)**

**D = thickness of tile (mm)**

**L = linear meter of joints in 1 m<sup>2</sup> of tiles**

**A = length of tile (mm)**

**B = width of tile (mm)**

## Storage

Store in a dry covered place in original well closed packaging. Shelf life is 12 months if stored as recommended.

## Health & Safety

FUGACOLOR can be harmful to skin as it contains cement powders which may releases alkalis when mixed with water. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly. If ingested, obtain medical attention immediately. Do not induce vomiting.

The information in this Technical Data Sheet is based on Colmef Monnelli's experience. Colmef Monnelli does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Colmef Monnelli's Data Sheets are updated on regular basis. It is the user's responsibility to obtain the latest version.

DUBAI  
ABU DHABI  
KSA  
ITALY

P.O. Box 123808 Dubai UAE  
P.O. Box 127326 Abu Dhabi, UAE  
P.O. Box 335896 Code: 11383 - Riyadh KSA  
Z.I. Ponte d'Assi 06024 Gubbio (PG)

T. +971 4 8803488 F. +971 4 8803450  
T. +971 2 5511949 F. +971 2 5511749  
T. +966 1 2654277 F. +966 1 2654335  
T. +39 75 9221297 F. +39 75 9221174

**FUGACOLOR**  
*Technical Data Sheet*  
Edition: June 2021  
Revision: 03

[colmef@colmef.ae](mailto:colmef@colmef.ae)

[www.colmef-me.com](http://www.colmef-me.com)