

TWO COMPONENT - MODIFIED DISPERSION, CONCRETE JOINT FILLER

DESCRIPTION

Two component, very special design ,cementations binder and Acrylic polymer modified ,water dispersion suitable for many type of concrete joints .. Contains special chemicals to enhance, it's water proofing characteristics and adherence to the concrete surfaces well.

The free flowing mixture can easily be applied in 2mm to 30 mm to the concrete surfaces.

METOLASTIC JF- 710 has also high bonding characteristics to different types of clean surfaces such as concrete , marble, ceramic etc.

USES

* Mainly apply to the concrete joints , based on semi flexy resins and resist to the petroleum products and some mild chemicals

*It forms a water impermeable layer therefore can be used in swimming pools, and thermal pools.

*Can be applied above or under ceramic tile grouting material to reduce leakage of water

*It can be used in cool storage areas ,open weather and big parking areas

*As a protection against water infiltration in small concrete cracks,

*METOLASTIC JF-710 has excellent adherence qualities therefore even it can be used as a repair mortar for walls and floors.

*Crack bridging for unwanted cracks

ADVANTAGES

- Easy to apply.
- Cost effective for many ordinary saw cut joints, construction joints even to the small cold and/or expansion joints.
- Very high bonding
- Suitable to be applied on damaged concrete floors , masonry and ceramic tiles.
- Can applied on floors and wall under ceramic tiles in swimming pools.
- Does not cause any health hazards
- It is water based material, the tools can easily be cleaned.
- Does not contain paraffin or solvents therefore it is not flammable.
- It resists sea water and some diluted acids and fuels
- Can be used on exterior or interior concrete surfaces.
- The repaired areas will have an improved resistance to some mild chemical, diluted acids alkalis and water soluble salts.
- Improved frost resistance.

COLOR OF MIXED PRODUCT

Standard concrete gray , brick red , green, blue , brown and yellow can also available



**TWO COMPONENT - MODIFIED DISPERSION, CONCRETE JOINT FILLER****PHYSICAL AND CHEMICAL PROPERTIES OF COMPONENTS**

	Powder component	Liquid component
Physical form	Powder	Liquid
Color	grey	Milky white
Density	1.35-1.6	1.12
Dry solid content (Depend on models)	100	38 -52
Odour	---	Faint aromatic
Flash point	Not applicable	Not applicable
Labelling for		
-Regulation for hazardous goods	Non hazardous	Non hazardous
-Regulation for hazardous substances	Irritant contains cement No	labeling requirement for this product
Shelf life	Min 12 months in original undamaged package	Min 12 months in original undamaged package
Packaging	20 kg craft bags	10 kg container

TECHNICAL PROPERTIES OF MIXED PRODUCT

Color of mix	gray
Mixing ratio	Comp. A : Comp. B 2:1
Consistency	Plastic applied by brush or trowel
Application temperature	From +8°C to +35°C
Pot life	15 min
Denisty of mix	1.65
Resistance to pressurized water	Positive 3 bar
Denisty after application	1.6g/cm3
Adhesion to clean concrete surface (N/mm2)	
-After 28 days at +23 °C	1.15
-After 7 days at +23 °C	0.75
Water proofing capacity EN 12390 /8 Modified (1.5 bar for 7 days)	waterproof
Curing time -walkable after -Exposure to water -Backfill xcavation after -Ready for tiling	Approximately 1 day Approximately 7 day Approximately 7 day Approximately 1 day



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APPLICATION FIELDS

- *On any cement based surface where there is a water leakage problem especially in swimming pools .
- *As a grouting material for ceramic tiles
- *To repair concrete floor surfaces indoor or outdoor .
- *Can also be used to repair concrete walls as well as floors.
- *It can be used in residential buildings or
 - Factory floor joints , - dairy floors,-Warehouses,-Pavements,-Loading platform joints
 - Garages,-Airport runways ,--Bridges joints and etc.
- *For refilling or repairing old cracks and joints

INSTRUCTION FOR USE

- *Clean the surface from any loose material., dirt, oil .
- *The substrate must be sound free from any dust ,water repellents, paint oil or any bond inhibiting residues. The substrate must be free of honeycombs and gaping other cracks which must be filled with appropriate repair material.
- *Dampen the surface of the substrate before application.
- *Try not to apply under direct sunlight or in very hot weather.
- *Mix the content of the 20 kg craft bag of METOLASTIC FLEXY powder component with 10 kg of the liquid component (2 parts powder : 1part liquid) and mix well.
- *It is always advisable to place the liquid in a mixing tin and then add the dry powder mixture to it and mix well.
- *Apply with a trowel or freeflowing directly to the joints
- *If any application needs to the surface for waterproofing , use brush ,or spray gun but required controlled small amount of water can be added directly to the mixed material before you use .

COVERAGE

Coverage of 30 kg mix , according to the joints dimension and specific gravity ,easily can be calculated in the jobsite

CLEANING

-All tools should be washed with water after use.

TRANSPORTATION INFORMATION

Not dangerous for transport under international transport regulations.

FIRST AID MEASURES

- *Avoid contact with eyes or skin if comes into contact with eyes or skin wash thoroughly with water and seek medical attention.
- *Do not swallow, if swallowed seek medical attention immediately.
- *Store in a dry , non humid area,
- *No more than three tins should be stacked on top of each other,

LIMITED WARRANTY

All recommendations, statements, technical data and information contained herein are information received from our raw material suppliers and other sources and is believed to be correct. However we make no warranty , expressed or implied regarding the accuracy of this data or the results to be obtained from the used thereof. This product is warranted to be of merchantable quality when used according to the instruction herein.It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. we assume no responsibility to injury from the use of this product described herein.

