



MASTER CHEMICALS TECHNOLOGY

MC – Acryl

Bonding Agent for use with Cement Mortar

Description:

MC – Acryl is an acrylic polymer emulsion contains special additives .

Uses:

MC – Acryl is used for :

- ◆ Repairing of concrete , block and brick structures .
- ◆ Plastering smooth concrete surfaces .
- ◆ Producing plastering layer highly resistant to abrasion .
- ◆ Leveling concrete floors .
- ◆ Water proofing aid .

Advantages:

- ◆ Used for bonding , repairs, plastering indoors & outdoors .
- ◆ Has no effect on colour of white cement .
- ◆ Used for underground structures .
- ◆ Used with high efficiency for continuously wetted structures .

Technical Data:

Appearance	: milk white liquid
Specific gravity at 25 °C	: 1.02 g/ cm ³
Shelf life	: 12 months
Packaging	: 20kg pails, 200 kg drums

Method Statement:

Surface preparation

- ◆ Surface should be sound , clean from all dirt , grease , oil etc.
- ◆ Flush the surface with water while leaving no standing water .

Mixing and dilution

- ◆ **M C - Acryl** is used as solution, slurry and mortar .
- ◆ **M C - Acryl** solution (primer) : Dilute **M C - Acryl** with clean water 1:1 or 1 : 2 and apply one or two coats as primer coat .
- ◆ **M C - Acryl** slurry (Bonding agent for plaster) : Dilute **M C - Acryl** with clean water 1 : 3 or 1 : 4 and mix with cement (or cement and sand) and stir throughly to form the slurry with the required consistency .
- ◆ **M C - Acryl** mortar : Dilute **M C - Acryl** with clean water 1 : 4 or 1 : 5 mix with the dry mortar (sand / cement) to form a stiff but workable mortar ,this mortar should be applied over a wet coat of **M C - Acryl** slurry or solution .

Application method:

MC- Acryl solution or slurry is applied using brush , avoid air pockets , do not use any other bonding or adhesive material .

MC- Acryl mortar applied by trowel with slight pressure on a surface that is coated with **M C – Acryl** solution or slurry that did not set yet .

Cleaning

Tools and equipment should be cleaned after each time of usage using water .

Precautions

M C – Acryl can be used with normal and fast setting portland cement but can not be used with expansive and air – entrained cement

For more details contact Master Chemicals Technology technical department

Or visit our website www.mc.com.eg

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