



SAAF ساف

متانة راسية
Lasting Foundations

CEMENTITIOUS FLEXIBLE COATING® CEMENTITIOUS FLEXIBLE COATING (40-6100)

Date: Nov 2016
Version: R2
Printing date: Nov 2016

PRODUCT DESCRIPTION

SAAF Flexible coating 40-6100 is a 2- component waterproofing system, nontoxic & nonflammable which consists of modified aqueous dispersion of Acrylic and dry pre-mixed powder, which are mixed together to give flexible cementitious, waterproof membrane.

FEATURES AND BENEFITS

- Applied easily by brush or roller on horizontal & vertical surfaces
- Excellent flexibility and elasticity
- Excellent adhesion to concrete, bricks, screeds, stones, asbestos, etc.
- Resistant to water penetration & alkaline.
- After the drying of waterproofing membrane, plastering and tile fixing can take place
- Can be used with fiber and fiber mash
- Can be used for floors

APPLICATION TOOLS

Brush, Roller or any suitable applicator.

RECOMMENDED USES

- For waterproofing interior surfaces such For proofing upper and lower iron or concrete water tanks
- For waterproofing interior surfaces such as kitchens, bathrooms & swimming pools
- For Proofing interior and exterior concrete water tanks and give it flexibility and elasticity
- For proofing and preventing steel water tankers from water corrosion
- For proofing and preventing wooden sheets.
- The product is available in all colors without painting

STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, dry, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close the container tightly when not in use

SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

PACKAGING

17 Kg Pail.

| TECHNICAL DATA | | | | |
|--------------------------------------|-------------------|--|-------------------------|--|
| BASE MATERIAL | Dry Mix + Acrylic | | COVERAGE (APPROX.) | 0.3 – 0.5 m ² / Kg (For 2 applications) |
| COLOR | Gray & white | | APPLICATION TEMPERATURE | 10°C - 50°C |
| SPECIFIC GRAVITY (MIX) ASTM D1475 | 1.01 – 1.05 | | FULL DRYING TIME | 24 Hour (Depends on the Temp. and moisture condition) |
| pH ASTM D 1172 | 8 – 10 | | FLAMMABILITY | Nonflammable in wet and dry form |
| WATER PERMIEBILITY (DIN 1048) | NIL | | DILUTION | With Water (Only if necessary, not more than 4%) |

F/QC/13: R2

The information provided here is based on our test results and to the best of our current knowledge. The recommendations and suggestions here in are made to facilitate the application of the product without any guarantee or representation to results. We recommend you to ensure that the product meets all your requirements prior to the application.

SAAF Technologies CO. LTD. • Al Kharij Road kilo -7 • P.O.Box: 8822 Riyadh 11492 • Saudi Arabia • Tel: +966 11 4951844 • Fax: +966 11 4953565 • E-mail: info@saaftech.com

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APPLICATION METHOD

1. Level rough surfaces and fill cracks above 2 mm.
2. Dampen the surface / substrate before applying the membrane.
3. Make sure that the surfaces are dry, in Position and ready for application.
4. Pour the liquid component into a suitable container & gradually add the dry components with stirring using a suitable mixing device.
5. Stir the mixture till it gets homogeneous.
6. Apply the first coat on the required surface by using a brush or roller and wait for 24 hours till it get dry.
7. After the first coat is completely dry, apply the second coat in order to achieve a thickness from 0.75 to 1.5 mm for walls and from 1.5 to 2 mm for floors.
8. The method of application is to be selected depending on the specific application & type of substrate.
9. More water can be added if necessary but not more than 4%.
10. Don't start work if rain is forecasted for the following 24 hrs.

CLEANING & DISPOSAL

- Wet material is cleaned immediately with Water
- The Tools & the excess material should be cleaned immediately with water before it gets dry
- Dry product may stains can be removed mechanically
- Dispose the waste according to the local regulations

SHELF LIFE

18 months shelf life when stored in it's original unopened container between 5°C to 39°C.

HEALTH & SAFETY

The product is generally safe, non-toxic and non-flammable in wet condition.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with product rinse with excess amount of clean fresh water and seek for medical advice. If swallowed seek medical attention immediately and do not induce vomiting help.

HMIS Rating

| | |
|--------------|---|
| HEALTH | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

ADDITIONAL INFORMATION

SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website www.tigind.com