

CEMSEAL FLEXI

Heavy Duty Elastomeric Pure Acrylic Membrane

DESCRIPTION

CEMSEAL FLEXI is a flexible 100% water based pure acrylic membrane. Applied as a liquid, it cures to provide a barrier to carbonation and chloride ion infiltration. It bridges cracks and minor surface imperfections, protects against driving rain, provides outstanding durability and offers long lasting protection. Allows two way water vapour diffusion to enable the concrete structure to breathe. It Conforms to ASTM D-2370, ASTM D 412-02, BS EN 12390, ASTM D 4587, ASTM D 4541 & ASTM C 1202-97

PRIMARY USES

CEMSEAL FLEXI is designed for coating a wide range of concrete structure subject to cracking. It is ideal for the protection of concrete structures against carbonation & chloride ion ingress. It is also suitable as an elastomeric waterproof coating for precast and concrete, asbestos, GRC panels, timber, sprayed PU foam, galvanized steel/bituminous aluminium sheetings, plastic water tanks etc.

AREA OF APPLICATION

- Bridges
- Industrial & commercial complex
- Metal roofs & walls
- Multistorey car parks
- New & existing concrete roofs & walls
- Residential buildings & bungalows
- Stadiums, airports & shopping malls
- Water tanks & pipes

KEY FEATURES

- Bonds well to a wide range of surfaces.
- Easy to apply & rapid drying for quick recoating.
- Exceptional film durability and fungus resistant.
- CEMSEAL FLEXI is a high quality exterior finish designed for a wide range of exterior surfaces. With CEMSEAL FLEXI, you are set for good looks. protection against algae and fungal growth, better adhesion, durability.
- Non-toxic and environment friendly • Resistant to atmospheric pollution.
- Low dirt pickup • Stable over a wide range of temperature variation • Suitable for tint.



TECHNICAL DATA

Colour	: White
Type	: Pure acrylic polymer, single component membrane
Consistency	: Paste
Solids by weight	: 59% ± 2
Touch dry	: Approx 30 Mins.
Cure time	: 24 hours @30°C 50% RH
Cured Film	: Elastic & flexible
Elongation	: >100% at break @25°C (ASTM D2370)
Shore a hardness	: Approx 30
Temperature resistance	: -20°C to +100°C
Chemical Resistance	: Exceptional resistance to very harsh chemicals & spillage of gasoline, diesel, sewage, weak acid & alkali oil etc.

DIRECTION FOR USE

METHOD OF APPLICATION

All surface must be clean and free from dust, loose materials, grease, mildew, other contaminants etc. Remove any protrusions and fill cracks, blow holes, etc with KRACKILL. Don't apply when substrate temperature is below 5° C or above 50°C, nor on damp and rainy days. For better adhesion of CEMSEAL FLEXI, apply CEMSEAL STABISOL as a primer coat before application of CEMSEAL FLEXI. Mix CEMSEAL FLEXI contents thoroughly for few seconds to obtain uniform consistency before use. Apply two layers evenly by brush or roller. Requires 4 to 6 hours curing time for first coat at standard conditions. Allow 48 hours at standard conditions for curing of final coat. Apply three layers for roofs & terraces to get the recommended 450 micron dry film thickness (DFT) and apply two layers for walls to get recommended 250 to 300 microns dry film thickness (DFT)

COVERAGE

1. Selaer layer : 10 to 12 sq.mt./kg. per layer
2. Flexible coat : 3 to 4 sq.mt./ kg. for two layers
3. Packaging : 1, 4, 10, 20 KG
4. Storage : Store unopened original containers in dry & cool conditions between 5°C to 40°C for upto 12 months from the Mfg. Date

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Reseal containers after use.

TECHNICAL INFORMATION & SERVICES

Further information and advice including practical demonstration are freely available from the technical service department of Cemseal Industries Ltd.

NOTE

- Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Cemseal representative.
- Cemseal reserves the right to have the true cause of any difficulty determined by accepted test methods.

Address

Plant 1 : C-1/B-96-97 G.I.D.C Industrial Estate, Kalol, Panchamahar, Gujarat - 389330

Plant 2 : Plot no 30, Marble Market Sejbahar, Rajpur, Chhattisgarh - 492015

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