



SMARZKOT[®] B2Flex

RUBBERIZED BITUMINOUS WATERPROOFING MEMBRANE

Description

SMARZKOT B2Flex is a cold applied liquid waterproofing membrane, specially designed from a blend of special resin and rubber, reinforced with special water-repelling fillers, minerals stabilizers and gelling agents. SMARZKOT B2Flex has an excellent adhesion, which dries to a tough, seamless, flexible, waterproof and vapour-proof membrane for concrete structures. Suitable for tropical and hot climatic conditions

Advantages

- High rubber content - 10 %
- Excellent adhesion to most building substrates
- Reduced chloride penetration
- Can be applied on damp substrates
- Non sagging
- Single component
- Water based
- Economical, easy to apply, reduces labour cost
- Can be applied on vertical and horizontal areas
- Impermeable to water
- Elastic, seamless, joint free
- Unaffected by high ambient temperature
- Resistant to aggressive soils and contaminated ground water
- Low odour, dries without generating strong vapour

Uses

- Tanking and waterproofing of substructures to provide an impervious membrane
- Vapour barrier of cladded walls
- Maintenance of many roof types including asphaltfelt roofs, concrete, cement, lightweight screeds, timber etc.
- As an adhesive for bonding insulation boards, expanded polystyrene, cork tiles etc.
- Damp proof membrane for roofs and floor slabs
- Efficient curing membrane to freshly laid concrete
- Basements, retaining walls

Standard Compliance

ASTM C309-93, ASTM D2939

Technical Information

PROPERTIES	RESULTS
Color	Black (dry)
Density	1.07 to 1.10
Tensile strength (N/mm ²) (ASTM D412)	>1.5 @ 24 hours >2.5 @ 7 days
Elongation at break (%) (ASTM D412)	600 to 800
Cure time (ASTM C-836)	24 hour approx
Crack bridging	Up to 2 mm

Method of Application

- Surface Preparation :All substrates must be sound, clean, dry, smooth and free from protrusions, voids, honey-comb, sand high spots. Presence of curing agents, paint and oil will impair adhesion.
- Moss and lichen must be removed and area treated with proprietary fungicidal wash to kill spores and inhibit further growth. Following treatment wash area thoroughly with clean water and allow drying. Fillets must be provided at corners or sharp angles using 4:1 sand and cement mortar modified with a good quality bonding agent BUTABOND SBR (SL).
- Priming : Priming is not normally required on good quality, well prepared substrates.
- Application : Apply SMARZKOT B2Flex using an airless spray to obtain a continuous, unbroken film. Water can be added up to 5-10% during application to adjust consistency based on temperature and humidity. Apply four coats, with each coat being applied after the previous one has dried.
- For application with Glass Reinforcement Sheet (GRS), first apply one coat of SMARZKOT B2Flex, then place the GRS on the applied material while the first coat is still wet. Roll a paint roller over the GRS to ensure it is bonded with the applied material, then apply the remaining coats of SMARZKOT B2Flex.

Coverage

- SMARZKOT B2Flex : 1.1 kg/m² @1mm thickness
(Actual coverage depends on application techniques, ambient conditions, wastage, surface condition etc)

Packaging

- SMARZKOT B2Flex is supplied in 1,5,10 & 20 kg pails.

Storage

- Minimum of 18 months shelf-life if kept under room temperature (i.e. 27°C).

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664