

FLEXBIT

Bituminous, Elastic Waterstop Tape

Description

FLEXBIT is a bitumen based, elastic, **non expanding** waterstop tape used for cold concrete joints. As an easy to apply alternative to usual waterproofing tapes. **FLEXBIT** forms an alternative method for protecting the cast concrete joints on the building that made of waterproofing concrete without needed any auxiliary products. It is not active against acids and ash waters. **FLEXBIT** does not resistant to petroleum products.

Fields of Application

- Used in dams, ponds, irrigation channels, water tanks, water purification facilities, swimming pools, docks, drainage tunnels,
- In hydroelectric and thermal power plants,
- In bridges, underground constructions, retaining walls and industrial buildings.

Features and Benefits

- Has wide range of application areas.
- Does not swell in contact with water.
- Due to its water stop characteristics are durable against rain and water, it forms more convenient protection than traditional systems.
- Can be applied on fresh or cured concrete.
- Can be applied on rainy days.
- Does not need any special tools at joints.
- Can be applied on thin wall due to not swelling property.
- Simply applied on even in case of close rebar spacing.
- Very light, easy and economical to transport.
- Resistant to acid and bases.

Technical Data

Content	Bitumen based
Color	Black tape
Density	1,20-1,40 g/cm ³
Hydrocarbon Content (ASTM D4)	50-70%
Volatile Content (ASTM D6)	Max 2%

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Ductility (ASTM D113)	Min. 5
Softening Point (TS EN 1427)	+160°C
Penetration (TS EN 1426)	50-120
Flash Point (TS EN ISO 2592)	+230°C
Sagging Resistance (TS 8403 EN ISO 7390)	≤3 mm
HS Code	6807.90.00.00.00

Application Procedure

Application Method

On fresh concrete; FLEXBIT directly over coated on fresh concrete. Protective foil should be on top and not be pressed and sunk into the concrete. FLEXBIT binds the concrete and provides protection during setting. At the connection points 2-3 cm of tapes must be adjusted side by side and pressed firmly together, without allowing air in between. Protective foil must be removed just before second concreting.

On cured concrete; The surface to be treated must be sound, dry, clean and entirely free from dust, dirt, rust, curing materials and grease. Loose particles must be scratched out. FLEXBIT is fixed by pressing firmly into the concrete. Do not needed any other equipment for fix it. At the connection points 2-3 cm of tapes must be adjusted side by side and pressed firmly together, without allowing air in between. Before concrete placement, it should be checked weather FLEXBIT is properly adhered. If applied FLEXBIT properly, it is removed from the surface 30 minutes later by pulling strongly. But if not applied properly, FLEXBIT is pulling easy from the surface. In this time application must be repeated. Protective foil must be removed just before second concreting.

Consumption

Depends on application areas.

Packaging

Size: 35 mm x 20 mm

4 m/roll

6 rolls x 4 m = 24 m/box

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Shelf Life

24 months in original, unopened package

Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

Clean tools and equipment with industrial type solvents immediately after use. Dried material can only be removed mechanically.

Cautions / Limitations

- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.