

TECHNICAL DATA SHEET

Bauder Structural Waterproofing System

Bakor 790-11EV Hot Melt Rubberised Bitumen

DESCRIPTION

790-11 is an environmentally friendly, hot applied, rubberised bitumen formulated to provide a monolithic fully bonded roofing and waterproofing membrane. It is hot poured fabric reinforced application. 790-11EV is composed of a specially selected blend of refined bitumens, synthetic rubber and mineral stabilisers and contains at least 25% post consumer recycled content. It is modified with additives to promote adhesion and improve low temperature flexibility.

TECHNICAL DATA:

Colour	Black
Solids content	100%
Rate of application	Minimum 3mm per single layer Total 6.5mm with fabric reinforcement fabric
Coverage	approx 6.5 kg/m ²
Heating temperature	180°C to 200°C
Setting time	immediate on cooling
Low temp performance	at -25°C No cracking; no loss of adhesion; no delamination
Water absorption	gain 0.09g
Flash point (open cup)	285°C
Chemical resistance	resistant to: water, calcium chloride, salt, mild acid and alkaline solutions. Non-resistant to oil, grease or solvents.
Toughness	9.2J
Crack bridging capability	No cracking, no splitting, no loss of adhesion
Fire rating	Classified by Underwriters Laboratories Canada® and Underwriters Laboratories Inc.® for use in Class A Ballasted Systems.

USES

Used as a waterproofing and roofing membrane on horizontal and vertical surfaces. Ideal for highway bridge decks, underground parking, ramps, podium decks, railway bridge decks, parking decks, plaza decks, tunnels, planters, reflective polls and protected roof membrane assemblies.

LIMITATIONS

Must be protected by the appropriate protection layer. Not intended for use as a permanently exposed surface, although it will tolerate foot and incidental, light, rubber-wheeled traffic when set. Contact Bauder when using in direct contact with coal-tar pitch derivatives or products containing coal-tar pitch.

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