

TECHNICAL DATA SHEET

Bauder Polyester Reinforcement Sheet



Product Description - Bauder Polyester Reinforcement Sheet is an unsaturated spun bonded polyester mat for use within our Bakor Hot Melt Waterproofing System. Allows good inter-ply bond between layers of hot melt membrane. It will not absorb moisture or rot, resists damage from soil acids and alkalis.

Application Fields - Bauder Polyester Reinforcement Sheet is used as reinforcement within our Bakor Hot Melt Waterproofing System.

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE			
Characteristic	Test Method	Unit	Value
Length	-	m	182.88
Width	-	m	1.016
Thickness	-	mm	0.2
Weight	-	kg/roll	9.5
M ² area	-	m ²	185.81m ²
Mullen burst	ASTM D3786	kPa/psi	117/17
Trapezoid tear	ASTM D1117	N	MD 38
			XMD 38
Grab tensile strength	ASTM 5034	N	MD 107
			XMD 98
Reaction to fire	BS EN13501-1		NPD
CERTIFICATION AND ENVIRONMENTAL INFORMATION			
BBA Certificate	06/4350 product sheets 1, 3, 5 & 6		
International Standards Organisation (ISO)	ISO 9001:2008 Quality Management Certificates FM 86932 (Canada)		
Environmental Product Declaration (EPD)	-		
Declaration of Performance (DoP)	-		
Declaration of Conformity (DoC)	-		
Recyclable	-		

INSTALLATION GUIDANCE

1. Bauder Polyester Reinforcement Sheet is lightly brushed into the 1st 3mm layer (minimum) of Bakor 790-11 Hot Melt Waterproofing whilst still hot to ensure complete embedment prior to 2nd 3mm layer (minimum) of Bakor 790-11 Hot Melt Waterproofing.
2. Overlaps should be at least 75mm.
3. Bauder Polyester Reinforcement Sheet should be encapsulated with 790-11 at the end of the working day.
4. Cutting should be carried out using a sharp knife or scissors.

The mat provides tensile strength and control of thickness. When polyester fabric is used with hot applied rubberised bitumen as reinforcement, it reduces pin holing over concrete decks.

Transport:	Bakor 790-11 and associated products are transported direct to site from Bauder on artic curtain sided vehicles with no offload facility. Smaller specialist vehicles such as rigid/moffett/flat bed/pump truck & tail lift are available.
Storage Guidance:	Ideally Bauder Polyester Reinforcement Sheet should be stored inside. If, however, outside storage cannot be avoided the products should be stacked on end and clear of the ground on a dry and flat level surface. To avoid mechanical damage, it should be protected by a tarpaulin.
Pack/Packaging Material:	25 no rolls of Bauder Polyester Reinforcement Sheet standing in a vertical position on a one-way pallet covered with polyethylene shrink wrapping. Pallets may be split down to suit project. Individual rolls are wrapped in polythene protection.
Product Identification:	Product information on roll and shrink-wrapping labels.
Handling/PPE:	All persons using this product should be fully aware of the manual handling methods as roofing materials are heavy and can cause serious injury. When using this product, installers should be provided with, and wear, suitable personal protective equipment. There are no requirements for special PPE when installing or cutting Bauder Polyester Reinforcement Sheet.
Shelf Life:	When stored correctly, the product has no stated shelf life.
Disposal Guidance:	Off-cuts need to be disposed via an authorised disposal contractor to an approved waste disposal site, observing all relevant regulations. (European waste catalogue EWC number 20 01 11 textiles "Non contaminated fleece").
Re-Use Options of Product:	Recyclable when un-used.
Further Information/Documents:	Current documents such as brochures, installation guides etc can be found by visiting www.bauder.co.uk

Safety Data Sheets are designed to provide the necessary information to recipients of substances and mixtures in the EU & UK.

This product is classed as an article; therefore, this product does not have a requirement for a Safety Data Sheet.