

TECHNICAL DATA SHEET

Bauder 3mm AP3 Protection Board



Product Description – Bauder AP3 Protection Board is a lightweight, pre-fabricated board made from a mixture of fibres saturated with at least 75% bitumen. It provides impact and abrasion resistance whilst protecting the waterproofing system. It is ideal for horizontal and vertical applications. Both sides of the product are smooth surfaced and covered with a polyethylene film. Modified Bitumen membranes can be torched, mopped or applied in cold-adhesive directly to board.

Application Fields – Bauder AP3 Protection Board is used for temporary or permanent protection over waterproofing applications on parking garage decks, roadways, terraces, planters, green roofs, and promenade decks. Permanent protection to horizontal and vertical waterproofing membranes against damage caused by site traffic, mechanical damage and ground settlement.

Temporary protection to areas which need to be protected against following trades; the boards can be taken up at a later stage if required.

PRODUCT INFORMATION AND TECHNICAL PERFORMANCE

Characteristic	Test method	Unit	Value
Thickness	-	mm	3.1
Dimensions	-		2 x 1m
Mass per unit area	-	kg / m ²	4.09
Bitumen content	-		>75%
Softening point	-		115°C - 130°C
Polyethylene film	-	μ	15
Watertightness to water	EN 1928-1	kpa	>400
Resistance to static loading	EN 12730	kg	25
Resistance to impact	EN 12691	mm	>700
Puncture resistance	ASTM E-154	n / mm	1474 / 37
Reaction to fire	BS EN 13501-1		NPD

CERTIFICATION AND ENVIRONMENTAL INFORMATION

BBA Certificate	06/4350 product sheet 1, 3, 5 & 6
International Standards Organisation (ISO)	ISO 9001 certified 3/1/2013 Inspectorate International (Saudi Arabia) Ltd
Environmental Product Declaration (EPD)	-
Declaration of Performance (DoP)	-
Declaration of Conformity (DoC)	-
Recycled Content	-

INSTALLATION GUIDANCE

The boards should be installed as per specification.
Generally, options are:

1. Loose laid with staggered, sealed 100mm laps.
2. Loose laid with butt joints. Butt joints taped using heavy duty bitumen tape.

Generally, vertical options are:

1. Torch bonding to the Bauder Access/Protection sheet behind.
2. Secure using strong bond double-sided bitumen tape.

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Transport:	<p>Bauder AP3 Protection Boards are transported direct to site on artic curtain sided vehicles with no offload facility. Smaller specialist vehicles such as rigid/moffett/flat bed/pump truck & tail lift are available.</p> <p>Due to the weight of this material all insulation must be offloaded via a forklift or crane and cannot be handballed.</p>
Storage Guidance:	<p>Store the materials outdoors, off the ground with suitable robust UV resistant, flame-retardant tarpaulin. Ensuring the product(s) are clear of buildings and any other storage areas. Where there are storage containers on site, these may be suitable for storing products.</p> <p>Bauder AP3 Protection Board should be stored out of direct sunlight. The boards will soften if exposed to heat for prolonged periods and if they come into contact with hot membranes at temperatures above 150°C.</p>
Pack/Packaging Material:	<p>Bauder AP3 Protection Board is laid flat on a one-way pallet.</p> <p>Wooden pallets measuring 2m x 1m x 1m. Overall pallet + contents weighs 1400kg. Pallet holds 200 no. 3mm Bauder AP3 Protection Boards. Pallets are double strap banded on wooden pallets. Mechanical lifting equipment is recommended to offload.</p>
Product Identification:	<p>Product information on each pallet.</p>
Handling/PPE:	<p>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.</p> <p>There are no requirements for special PPE when installing or cutting Bauder AP3 Protection Board.</p>
Shelf Life:	<p>When stored correctly, the product has no stated shelf life.</p>
Disposal Guidance:	<p>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 170302 "asphalt tar-free"</p>
Re-Use Options of Product:	<p>Bauder AP3 Protection Board is recyclable.</p>
Further Information/Documents:	<p>Current documents such as brochures, installation guides etc can be found by visiting www.bauder.co.uk</p>

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.