



BLACK HP STICKER

Product description

Thick self-adhesive prefabricated waterproofing membrane produced by co-extruding layers of special selected bitumen based compounds modified with elasto-thermoplastic polymers with a non-woven stabilized composite polyester reinforcing mat located midway through the membrane's thickness and acting in total synergy with the waterproofing compound. The membrane's lower face is treated with special adhesion-promoting additives that guarantee a tenacious bond between the bituminous compound and the substrate, and is backed with a silicone-treated release liner which is removed at the time of application. The upper face is coated with TERMOTENE® film.

BLACK HP STICKER membranes are produced in 2 and 3 mm thick versions and comply with CE marking requirements where applicable. They contain no asbestos, tar or other dangerous substances.

Recommended uses

BLACK HP STICKER membranes are ideal for use as a first layer in built-up multi-ply waterproofing systems, where they reduce installation costs, as they are self-adhesive and thus save time and gas during application. They are used on substrates that are readily flammable or otherwise damaged by flame (e.g., wood, heat-sensitive thermal insulation, etc.). For membrane versions to be used in roofing, foundation and below-grade applications, see the table below. For detailed documentation and guidance regarding product application, consult our Technical Services.

PRODUCT	USE ⁽¹⁾						
	Roofing (EN 13707)					Roofing underlay (EN 13859-1)	Foundations (EN 13969)
	Exposed			Roof gardens	Under heavy-duty protection		Multi-ply
	Single-ply	Built-up		Root resistant	Single-ply	Built-up	
Cap sheet		Base ply					
BLACK HP 2 MM STICKER			•			•	•
BLACK HP 3 MM STICKER			•			•	•

⁽¹⁾ In compliance with applicable standards and AISPEC-MBP guidelines.

Methods of application

Waterproofing performance will depend to a significant extent on application methods. Substrates must be thoroughly cleaned and treated with a suitable bituminous primer (see the IMPER catalog for appropriate products) at a rate of 0.2 to 0.3 l/m². Primer coverage will depend on substrate porosity. Before application, check that primer is compatible with the substrate. Unroll the membrane and position it over the area to be waterproofed. Fold back half the length of the roll over the other half of the material so that the silicon-treated release liner on the lower face can be removed (release liner is scored lengthwise for this purpose). Apply pressure to bond the membrane to the substrate. Repeat operation for the other half of the roll. Use a roller to aid adhesion. Special care must be taken at joints, overlapping the seaming edges provided at the sides and protected with a release layer to be removed at the time of installation. Sheet ends should be cut at a 45° angle and overlapped by 15 cm, applying pressure to ensure full adhesion. The bottom sheet in the overlapped area should be heated slightly with a torch or hot air gun to promote bonding at sheet ends. End laps on vertical areas and turnups should be finished as indicated for horizontal joints. For detailed documentation and guidance in selecting the most appropriate procedures for any job, consult IMPER ITALIA S.p.A. Technical Services, who will be happy to provide assistance and advice in designing special waterproofing systems and helping you make the best use of these materials.

SPECIFICATIONS

Properties	EN standards	Unit of measure	Tolerances ⁽²⁾	BLACK HP STICKER	
				2	3
Roll dimensions	1848-1	m	≥	15 × 1 (-1%)	10 × 1 (-1%)
Thickness	1849-1	mm	±5%	2	3
Watertightness	1928-B	kPa	≥	60	
Cold flexibility	1109	°C	≤	-15	
Hot creep	1110	°C	≥	110	
Tensile strength, L/T	12311-1	N/5cm	±20%	500/400	
Tensile elongation, L/T	12311-1	%	±15	45/45	
Dimensional stability, L/T	1107-1	%	≤	0.2/0.1	
Puncture resistance - Static indentation	12730-B	kg	≥	-	
Puncture resistance - Dynamic indentation	12691-B	mm	≥	-	
Tear resistance, L/T	12310-1	N	±30%	150/150	
Joint peel resistance	12316-1	N/5cm	±20 N	NPD ⁽⁴⁾	
Joint cut resistance ⁽³⁾	12317-1	N/5cm	±20%	-	
Durability after aging:					
- Cold flexibility	1296-1109	°C	+15°C	NPD ⁽⁴⁾	
- Hot creep	1296-1110	°C	-10°C	100	
- UV weathering exposure	1297	-	-	NPD ⁽⁴⁾	
- Watertightness	1296-1928	kPa	≥	60	
- Chemical resistance	-	-	-	NPD ⁽⁴⁾	
- Tensile strength, L/T	12311-1	N/5cm	±20%	NPD ⁽⁴⁾	
- Tensile elongation, L/T	12311-1	%	±15	NPD ⁽⁴⁾	
Water vapor permeability	1931	μ	≥	20.000	
Root resistance	LG Aispec	-	-	NPD ⁽⁴⁾	
Fire resistance	13501-5	EC ⁽⁵⁾	-	Froof	
Fire reaction rating	13501-1	EC ⁽⁵⁾	-	F	

⁽²⁾ In compliance with applicable standards and AISPEC-MBP guidelines.

⁽⁴⁾ Not determined, because not relevant for application.

⁽³⁾ Declared value or failure away from joints.

⁽⁵⁾ Euroclass.

Storage and application precautions

Rolls must be stored in a dry area under cover. Remove rolls from packaging immediately prior to use. Apply at temperatures above 10°C. At lower temperatures, use a hot air gun or indirect flame to aid adhesion. Never attempt to apply at temperatures below 5°C. If installed on slopes exceeding 15%, or used in particularly hot climates, membrane should be further retained with mechanical fasteners.

IM-STBKHP/E.0.

The data stated to standards effective on the printing date. Our Company has the right to modify them without any previous notice. - Les données indiquées sont référées aux standards en vigueur à la date d'impression. Notre Société se réserve le droit de les modifier sans aucun avis préalable. - Die hier erwähnten Angaben beziehen sich auf die Standardwerte die am Druckdatum gültig waren. Unsere Firma behält sich das Recht vor, sie fristlos zu modifizieren.



EXPORT OFFICE

Via Volta, 9
10071 Mappano Borgaro (Torino) Italy
tel. +39 011 222 54 99 – fax +39 011 262 16 21
e-mail: export@imper.it

IMPER ITALIA SpA

Via Volta, 8 - 10071 Mappano Borgaro (Torino) Italy