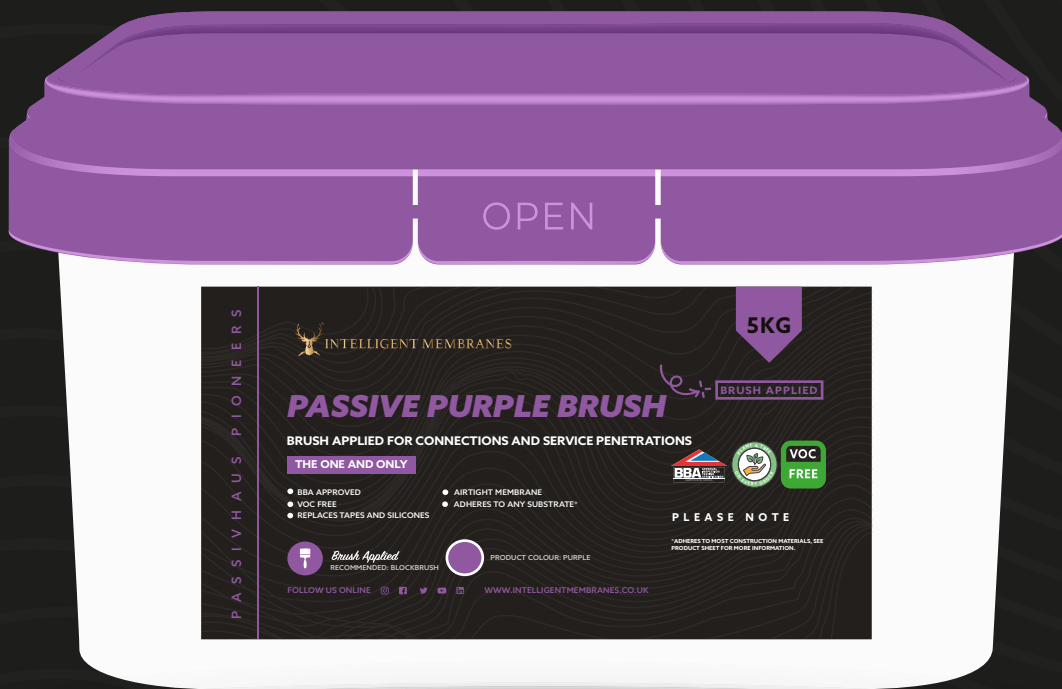




INTELLIGENT MEMBRANES

PASSIVE PURPLE BRUSH PRODUCT SHEET | 2020





HIGH TECHNOLOGY, FIBRE REINFORCED POLYMER EMULSION APPLIED WITH PAINTBRUSH

DESCRIPTION

PASSIVE PURPLE BRUSH® is a VOC free, polymer-based paste that is applied with a paintbrush and dries to an airtight flexible coating with excellent adhesion on different substrates. This product is ready-to-use and can be applied in any direction.

Field of use: » Floor/wall connections » Wall/ceiling connections » Window/wall connections » Pipe penetrations » Walls » Wall/wall connections » Vertical and horizontal joints » Curtain walls » Wall/roof connections (steel deck)

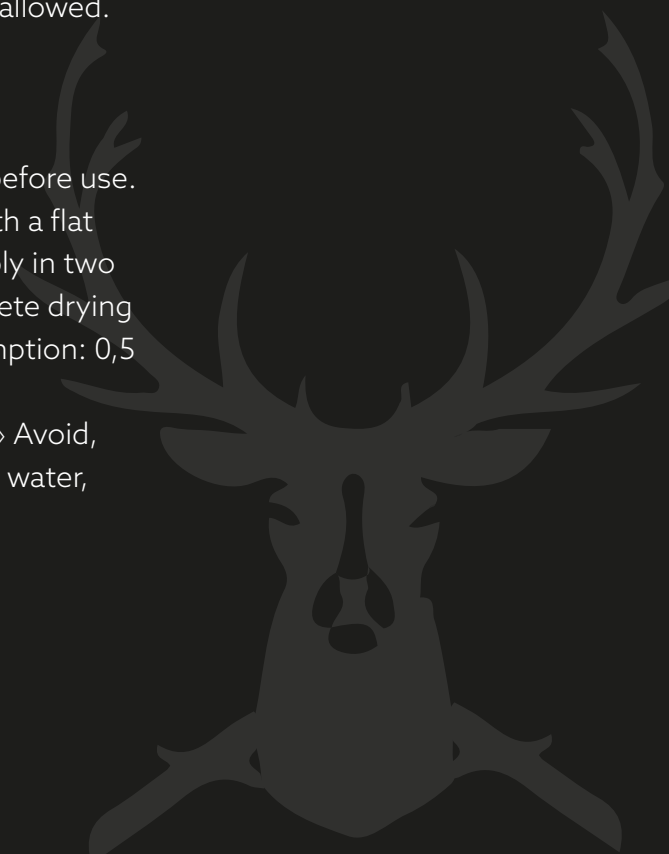
PRIOR TO STARTING THE APPLICATION:

» Remove salt efflorescence, dust and loose parts from the surface; remove also other types of surface pollutions that could diminish adhesion. Remove standing water. » Fill holes and joints > 5mm with a fast setting cement-based product or polyurethane foam » Do not apply PASSIVE PURPLE BRUSH at T < 5°C (also substrate temperature). » Application on humid (but hand dry) surfaces is allowed.

APPLICATION:

» PASSIVE PURPLE BRUSH is ready-to-use; stir before use. Do not dilute with water or solvents. » Apply with a flat paintbrush, suitable for water-based paints. Apply in two layers if necessary, the second layer after complete drying of the first layer. Total advised indicative consumption: 0,5 - 1 kg/m². » Clean paint brush and other tools with water. » Avoid, during the drying time, contact with any type of water, liquids or other construction products.

good to know








▶ HOW TO APPLY

APPLICATION:

» Complete drying is requested prior to applying another product on PASSIVE PURPLE BRUSH (such as plaster). Drying time may vary strongly and depends on local conditions and condition of the substrate. Indicative: 24 - 48 hours.

» For large applications, PASSIVE PURPLE BRUSH can be used. A detailed application guide is available on request.

▶ CHARACTERISTICS & CERTIFICATIONS






TEST INSTITUTE	TEST	NORM	VALUE
	Damp diffusion resistance Factor	EN ISO 12572 (2001)	$\mu = 35967$
	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination
	Elongation	BS EN ISO 527-3	264% (average value)
	Elongation after ageing	BS EN ISO 527-3	262,7% (average value)
	Adhesion on red brick Porotherm (dry)	ISO4624 (2002)	1,9 N/mm ² (v)
	Adhesion on red brick Porotherm (moist)	ISO4624 (2002)	2,5 N/mm ² (v)
	Adhesion on concrete brick (dry)	ISO4624 (2002)	2,7 N /mm ² (v)
	Adhesion on concrete brick (moist)	ISO4624 (2002)	2,5 N /mm ² (v)
	Adhesion on Ytong block (dry)	ISO4624 (2002)	0,44 N/mm ² (v); 100% failure in substrate

CHARACTERISTICS & CERTIFICATIONS

TEST INSTITUTE	TEST	NORM	VALUE
	Adhesion on Ytong block (moist)	ISO4624 (2002)	0,44 N/mm ² (v); 100% failure in substrate
	Adhesion on PVC window profile (zendor)	ISO4624 (2002)	1,5 N /mm ² (v)
	Adhesion on PVC window profile (smooth)	ISO4624 (2002)	0,83 N /mm ² (v)
	Adhesion on aluminium window profile	ISO4624 (2002)	2,5 N /mm ² (v)
	Adhesion on EPDM (« Tridex »)	ISO4624 (2002)	1,5 N /mm ² (v)
	Adhesion on roofing	ISO4624 (2002)	0,4 N /mm ² (v); 100% failure in substrate
	Adhesion of plaster (knauf MP75) on PASSIVE PURPLE BRUSH	ISO4624 (2002)	0,81 N /mm ² (v); >30% failure in the plaster



CHARACTERISTICS & CERTIFICATIONS

TEST INSTITUTE	TEST	NORM	VALUE
	Airtightness floor/wall after ageing	NBN EN 12114:2000 Eurocode 7	0,05 M3/H.M (50BAR) (V)
	Flame propagation	EN ISO 11925 -2	<150 mm
	Fire reaction	EN ISO 11925 -2	NO
	VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717 -1 EN ISO 16000-28	



ADDITIONAL REPORTS

BCB Airtightness of floor/wall connection
BCB Airtightness of window jambs
BCB Airtightness of pipe penetrations
BCB Airtightness of entire walls, with anchored insulation
Airtightness reports of realized projects.

CHARACTERISTICS

» Average consumption: 0,5 - 1 kg/m² (indicative, depending on substrate) » Density: +/- 1,15 kg / litre » Available colours: - Purple (drying to purple airtight coating) - White (drying to white airtight coating) » Indicative drying time: 0,5 to 24 hours (depending on substrate temperature, air humidity, applied) » Storage: 5 - 20 °C; stored dry, out of direct sunlight; conservation: 12 months from date of production, original unopened packaging.

PACKAGING

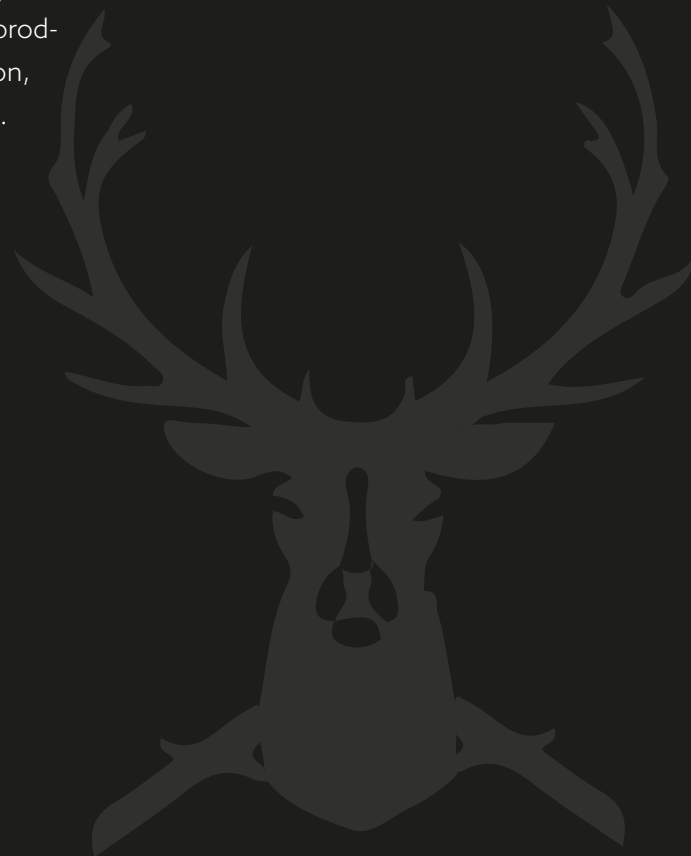
5kg pails – pallet: 60 x 5 kg

SAFETY

Consult the safety data sheet prior to application. Always work in well-ventilated areas. Avoid skin contact when product is in wet condition. Requested to wear eye protection, mouth mask, gloves and safety wear during application.

COVERAGE

» 133LM @ 75mm coverage per tub (average).



▶ **DATE OF THIS EDITION: 12/11/2020**

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▶ Clopton Farm, Croydon, Cambridgeshire, sg8 0ef
www.intelligentmembranes.co.uk



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