www.wonderbuilds.co.uk • 0208 2080 2121
admin@wonderbuilds.co.uk

WONDERBUILDS
TORCH-ON PERFORATED

Perforated vent sheet

DESCRIPTION

Prefabricated modified polymer-bitumen membrane whose compound is composed of distilled bitumen and polymers reinforced with a perforated fiberglass mat. Both sides of the membrane are protected by a polyethylene burn off film. The diameter of the holes are of 40 mm and evenly across the surface. Due to its particular formulation, the WONDERBUILDS TORCH-ON PERFORATED membrane is compatible SBS membranes. WONDERBUILDS TORCH-ON PERFORATED is used for partially bonded waterproofing systems and applications, providing for a constant, evenly spread and homogeneous bond to the substrate. The application of WONDERBUILDS TORCH-ON PERFORATED allows for vapor to travel freely below the waterproofing layer allowing for it to be expelled through suitable air vents.

METHODS OF APPLICATION

WONDERBUILDS TORCH-ON PERFORATED is applied loose laid and not bonded to the substrate, allowing for side & head laps. The following layer of membrane will be applied fully bonded. The application by torch is not suggested on heat sensitive materials (ex. polystyrene insulation). The details (perimeter, protruding objects, etc.), verticals and applications in correspondence to change of slope, must be fully bonded to the substrate.

FIELDS OF USE

CONTINUOUS ROOF EN13707 (certificate n. 0958-CPR-2045/1)

CE

	N. LAYERS			METHODS OF APPLICATION						TYPE OF APPLICATION			TYPE				
	SINGLE LAYER	DOUBLE LAYER	MULTILAYER	TORCH	HOT AIR	MIXED (TORCH/AIR)	COLD BOND GLUE	MECHANICAL FIXINGS	THERMO AD / SELF ADHESIVE	FULLY BONDED	PARTIALLY BONDED	LOOSE LAID	COMPLIMENTARY LAYER	TOP LAYER	HEAVY PROTECTION	ANTI-ROOT	OTHER USES
WONDERBUILDS TORCH-ON PERFORATED 750 G/M^2			●								●	●	●				

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RECOMMENDATIONS

To best use the technical characteristics of bituminous membranes and guarantee the maximum performance and durability of the jobs where they are used, some simple but fundamental rules must be respected.

- The rolls are to be stored in an upright position, indoors in a dry and ventilated area, away from heat sources. Absolutely avoid the stacking of rolls and pallets for storage or transport to avoid possible deformations which may compromise a perfect installation. It is recommended to store the product at temperatures above 0°C.
- The rolls shall be kept in a warm or heated storage area during application, should the workability of the material deteriorate or become stiff and difficult to install during application, these should be returned to the heated storage area and substituted with new rolls. The rolls that are temporarily stored on the roof before application, shall be kept elevated by being left on their own pallets and shall be covered and protected from the weather.
- The application surface must be smooth dry & clean.
- The application surface must be previously treated with a suitable bituminous primer, to eliminate dust and enhance the adhesion of the membrane.
- The application surface must not have any depressions to avoid the risk of ponding water, the slope must be at least 1.5% on concrete decks and 3% for steel or wooden ones, this to guarantee a proper run off of rainwater.
- In situations of application on vertical surfaces superior to 2 meters or on very sloped substrates, apply suitable mechanical fixings to the head laps, after which they will be sealed when torching the head laps.
- The application must be done at temperature higher than +5°C.
- The application must be interrupted in adverse weather conditions (high humidity, rain, etc.).
- The pallets on which the rolls are packaged are intended for normal warehouse use.
- The materials on stock should be rotated following a first in first out rotation.
- For further information it is recommended to consult our Installation Manual.

Technical data	**Measure units**	**Reference norm**	**V**	**Tolerances**
Type of reinforcement			Fiberglass	
Upper face finish			PE film	
Lower face finish			PE film	
Length	m	EN 1848-1	20 -1%	
Width	m	EN 1848-1	1 -1%	
Mass	kg/m^2	EN 1849-1	0,75	±10%
Cold flexibility	°C	EN 1109	NPD	
Tensile strength L/T	N/5 cm	EN 12311-1	300 / 200	-20%
Elongation at break L/T	%	EN 12311-1	2 / 2	-2
Dimensional stability	%	EN 1107-1	NPD	
Fire resistance		EN 13501-5	F ROOF	
Fire reaction		EN 13501-1	F	
Watertightness	kPa	EN 1928	60	
Flow resistance	°C	EN 1110	100	

NPD = No Performance Declared in accordance with the EU Construction Products Directive.

Sizes & packing	**V 0,75 KG/MQ**
Rolls size (m)	20 x 1
Rolls per pallet	45
Square meters per pallet	840