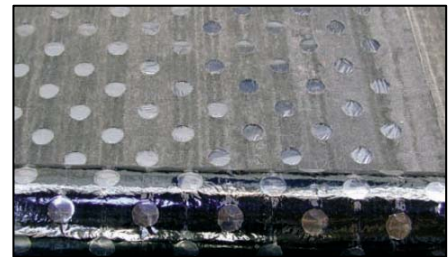


PERFADER

DESCRIPTION AND SCOPE OF APPLICATION

Perforated base sheet for torch-on systems
PERFADER is an oxidized bitumen perforated base sheet, with a 60 g/sq.m glassfiber reinforcement, underfaced with a continuous polyester film and surfaced with silicate sand.
PERFADER has been specially developed to allow installation of torch on membranes in spot-bonded application.
Due to its factory-made perforations, PERFADER ensures safe and even distribution of the bonding points.



COMPOSITION

Main surface	Sanded
Longitudinal overlap surface	Not applicable (N/A)
Blend	Oxydized bitumen
Reinforcement	Glass fiber
Underface	Continuous thermofusible film


DIMENSIONAL CHARACTERISTICS

	Nominal value	Critical value
Thickness on the longitudinal selvedge (mm)	(N/A)	(N/A)
Thickness on the main surface (mm)	1.2	1.1
Longitudinal selvedge width (mm)	(N/A)	(N/A)
Weight / m ² (kg/m ²)	1.12	1.06
Weight / roll (kg)	22.4	21.3
Diameter of perforations (mm)	40	
Perforations ratio (% of total surface)	15	
Roll length and width (m)	20 x 1	19.8 x 0.99

PACKAGING

Rolls quantity per truck pallet	36
Rolls quantity per container pallet	36
Rolls quantity per wooden box	30

ISO 9001 REFERENCE DOCUMENT

. Our company has been awarded the ISO 9001 certificate for all its establishments in France.	
. The French Technical data sheet is the ISO 9001 reference document.	

GENERALITIES ABOUT APPLICATION

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	The generalities about the product application are set out in the ZTA STANDARD
Overlaps	Current building practices concerning overlaps are set out in the ZRA STANDARD
Slopes	Current building practices concerning slopes are set out in the ZPA STANDARD

INSTALLATION

PERFADER is applied loose-laid over the primed substrate, the film face towards the deck. PERFADER is laid with 60 mm sidelaps and 100 mm endlaps. Torching of overlaps is not required, but can be of assistance to prevent PERFADER displacement during roofing membrane laying.

The PERFADER is covering all of the surface except the last 0,5 m around the roof periphery and the emergency points to permit a full bonding of the waterproofing membrane on the areas particularly subject to wind uplift.

The roofing membrane (or the first layer of the roofing system) is then fully torched over PERFADER with the specified overlap.

Side laps of the membrane to be staggered or crossed with those of PERFADER.

The roofing system will adhere to the deck only through the perforations.

COMPLEMENTARY INFORMATIONS

Product identification	
Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard and project EN 13707. The nominal value tolerances comply with the UEAtc standards. Some slight variations can be noticed as the values are based on the average values obtained from several plants.
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Complementary information	This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
Storage	This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.