

Data Sheet

Sappi Evermore SBS Torch-on Felt



Description

Elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with styrene-butadiene-styrene radial block (SBS) copolymers. These peculiarities allow to membranes of this range considerable advantages in terms of cold flexibility and during the application phase, thanks to the high adhesiveness of the compound. Membranes produced with regenerated raw materials, does not contain any dangerous substance such as oxydized bitumen, tar or asbestos.

Reinforcement

Membranes of this range are reinforced with glass fiber longitudinally strenghtned, rot-proof and with high dimensional stability. Membranes of this range have an underside surface finish made with a thermofusible polyethylene PE film while the top side surface finish in anti-adherent sand.

Technical Data

TECHNICAL DATA SHEET									
	Unit	Standard	EVERMORE GLASS		EVERMORE GLASS MINERAL		Tolerance		
VISIBLE DEFECTS		EN 1850-1	pass				-		
WIDTH	m	EN 1848-1	1				-1%		
LENGHT	m	EN 1841-1	8		8		-1%		
THICKNESS	mm	EN 1849-1	2	3	4	-	-10%		
AREIC MASS	Kg/m ²	EN 1849-1				3,5	4,0	4,5	-10%
STRAIGHTNESS	mm	EN1848-1	max 20				pass		
MAX TENSILE FORCE L/T	N/5cm	EN 12311-1	250/150				-20%		
ELONGATION L/T	%	EN 12311-1	2/2				-15 ass.		
RESISTANCE TO TEARING L /T	N	EN 12310-1	80/80				pass		
RESISTANCE TO STATIC LOADING	Kg	EN 12730-A	5				pass		
RESISTANCE TO IMPACT	mm	EN 12691	500				pass		
JOINT STRENGHT L/T	N/5cm	EN 12317-1	150/50				-20%		
PEEL RESISTANCE OF JOINT L/T	N/5cm	EN 12316-1					npd		
PLIABILITY (COLD FLEXIBILITY)	°C	EN 1109	-15				pass		
PLIABILITY (AGED)	°C	EN 1296 EN 1109					npd		
U.V. AGEING (VISIBLE DEFECTS)	-	EN 1297 EN 1850-1					npd		
WATERTIGHTNESS	kPa	EN 1928	60				pass		
WATER VAPOUR PERMEABILITY	μ x 1.000	EN 1931	20 (default)				pass		
WATER VAPOUR PERMEABILITY (AGED)	μ x 1.000	EN 1296 EN 1931					npd		
FLOW RESISTANCE	°C	EN 1110	100				pass		
FLOW RESISTANCE (AGED)	°C	EN 1110 EN 1110					npd		
DIMENSIONAL STABILITY L/T	%	EN 1107-1					npd		
EXTERNAL FIRE PERFORMANCE	class	EN 13501-5	Npd						
REACTION TO FIRE	class	EN 13501-1	Npd						
ADHESION OF GRANULES	%	EN 12039	< 30				pass		
SPECIFIC CHARACTERISTICS									
ROOT RESISTANCE	-	EN 13948					npd		
EXTERNAL FIRE PERFORMANCE FIRE RESISTANT version		EN 13501-5 ENV 1187					npd		
REACTION TO FIRE FIRE REISTANT version		EN 13501-1 EN 11925-2					npd		
MINERAL WHITE FLASH VERSIONS									
SOLAR REFLECTANCE	%	ASTM C 1549					npd		
INFRARED EMISSIVITY	%	EN 15976					npd		
SRI Solar Reflectance Index	%	ASTM C 1980					npd		
OTHER VALUES									
SPECIFIC HEAT			3 mm	4 mm	5 mm				
	KJ/°K		3.9	5.2	6.5				
THERMAL CONDUCTIVITY	W/m°K (λ)		0.2						