

## Data Sheet

### Redmore SBS Torch on Felt



#### Description

Elastomeric polymer bitumen membrane BPE, compound in distilled bitumen modified with styrene-butadiene-styrene radial block copolymers. Membranes of this type have considerable advantages in terms of cold flexibility 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 rot-proof spunbond nonwoven polyester. This nonwoven polyester guarantees an excellent mechanical strength, tear and puncture resistance.

#### Technical Data

TECHNICAL DATA SHEET					
	Unit	Standard	Redmore 4kg Sand	Redmore 4.5kg Mineral	Tolerance
VISIBLE DEFECTS		EN 1850-1	pass		
WIDTH	m	EN 1848-1	1		-1%
LENGHT	m	EN 1841-1	8	8	-1%
MASS	Kg/m <sup>2</sup>	EN 1849-1	4	4,5	-10%
STRAIGHTNESS	mm	EN1848-1	max 20		pass
MAX TENSILE FORCE L/T	N/5cm	EN 12311-1	500/350		-20%
ELONGATION L/T	%	EN 12311-1	40/40		-15 ass.
RESISTANCE TO TEARING L /T	N	EN 12310-1	150/160		pass
RESISTANCE TO STATIC LOADING	Kg	EN 12730-A	15		pass
RESISTANCE TO IMPACT	mm	EN 12691	700		pass
JOINT STRENGHT L/T	N/5cm	EN 12317-1	400/250		-20%
PEEL RESISTANCE OF JOINT L/T	N/5cm	EN 12316-1			npd
PLIABILITY (COLD FLEXIBILITY)	°C	EN 1109	-10		pass
PLIABILITY (AGED)	°C	EN 1296 EN 1109			npd
U.V. AGEING (VISIBLE DEFECTS)	-	EN 1297 EN 1850-1	Pass		
WATERTIGHTNESS	kPa	EN 1928	60		pass
WATER VAPOUR PERMEABILITY	μ x 1.000	EN 1931	20(default)		npd
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 1296 EN 1110			npd
DIMENSIONAL STABILITY L/T	%	EN 1107-1	-0.25/+0.15		pass
EXTERNAL FIRE PERFORMANCE	class	EN 13501-5	npd		
REACTION TO FIRE	class	EN 13501-1	npd		
ADHESION OF GRANULES	%	EN 12039	≤ 30		pass
<b>SPECIFIC CHARACTERISTICS</b>					
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

**\*\* Also available - 2.0kg fibre glass underlay \*\***