

# PRODUCT DATA SHEET

n° of certification organisation: 0679  
Year mark was 1<sup>st</sup> fixed : 2006

## HYRENE (HYRANGER) SPOT ADH

Technical ref:

Technical Installation Guide

HYRANGER SPOT

### DESCRIPTION

HYRANGER SPOT ADH is a self-adhesive, stabilised polyester reinforced SBS elastomeric modified bituminous waterproofing membrane. The under surface is covered with a peel-off film. The under surface and side lap are self-adhesive. The width of the side lap is 7cm.

### USE

Self-adhesive / heat activated base layer in multi-layer torch on roof waterproofing systems. The peel-off film must be removed before installing the HYRANGER SPOT ADH on to the deck or thermal insulation.

### APPLICATION METHOD

Self-adhesive / heat activated.

### STORAGE

Rolls to be stored upright and away from heat.

### COMPOSITION

(indicative)

Reinforcement (gm/m <sup>2</sup> ) :	Stabilised polyester	120
Binder (gm/m <sup>2</sup> ) :	SBS elastomer	3,000
Surface finish (gm/m <sup>2</sup> ) :	Macroperforated film + sand	100
Under surface finish (gm/m <sup>2</sup> ) :	Peel-off silicone film	40

### CHARACTERISTICS

	STANDARD(BS)	UNITS	VALUES	Tolerance		
				Min	Max	
Dimensions	EN 1848-1	Length	10		-1%	
		Width	1		-1%	
		Straightness	-	Pass		
	EN 1849-1	Nominal roll weight	32.0			
		Thickness (on finished product)	2.70	2.50	2.90	
Visible defects	EN 1850-1	New product	-	None		
		After ageing to EN 1297	-	NA		
Adhesion of granules	EN 12039	%	NA	-	-	
Resistance to tearing (nail shank)	EN 12310-1	Longitudinal	NA	-	-	
		Cross direction	NA	-	-	
Tensile properties : maximum tensile force	EN 12311-1	Longitudinal	450	330	570	
		Cross direction	270	250	290	
Tensile properties : elongation	EN 12311-1	Longitudinal	30	10	50	
		Cross direction	30	10	50	
Peel resistance of joint	EN 12316-1	Maximum force	Selvedge	NA	-	-
			End joint	NA	-	-
		Average force	Selvedge	NA	-	-
			End joint	NA	-	-
Shear resistance of joint	EN 12317-1	Maximum force	Selvedge	NA	-	-
			End joint	NA	-	-
Flexibility at low temperature	EN 1109	Surface	-16		≤	
		Under surface	-16		≤	
Flow resistance at elevated temperature	EN 1110	New product	100		≥	
		After ageing to EN 1296	NA	-	-	
Resistance to impact	EN 12691	mm	NA		≤	
Resistance to static loading	EN 12730 (A)	kg	NA		≥	
Dimensional stability	EN 1107-1	%	0.3		≤	
Form stability under cyclic temperature change	EN 1108	%	NA			
Water vapour transmission properties	EN 1931	New product	-	μ=20000		
		After ageing to EN 1296	-	NA		
Watertightness	EN 1928	New product	-	Pass	<10 kPa	
		After ageing to EN 1296	-	NA		
Watertightness after stretching at low temperature	EN 13897	%	NA			
Reaction to fire	EN 13501-1	-	F			
Resistance to root penetration	EN 13948	-	NA			
Dangerous substances consult :	-	-	None			

Dangerous substances consult :  
<http://europa.eu.int/comm/enterprise/construction/internal/dangsub/dangmain.htm>  
NA=not applicable due to use of product.