

# Gummiflex Special Minerale PL HP

**Description** High performance APP modified bitumen membrane for roofing works. This product is designed as top layer in multi layer waterproofing systems, for both new roofing works and refurbishment works.

**CE** Top layer in a multi layer waterproofing systems according with EN13707 for flat roofs. Layer for pitch roofs according with EN13859.

**Field of use** Exposed not-accessible roofs, technical roofs exposed or under heavy protection. Pitch roofs.

**Certifications and Agreements** CE marking - FPC certificate number 1370-CPR-0042.

**Composition**  
**Top Surface:** Mineral slate or Granules  
**Back Surface:** Film  
**Reinforcement:** Polyester reinforced with fiber glass

**Method of application** Fully torch applied

<b>Dimension and packaging</b>	<b>Gummiflex Special Minerale HP</b>	<b>4,5PL</b>
Thickness (mm)		-
Weight (kg/m <sup>2</sup> )		4,5
Rolls (m)		1x10



Property	Test Method	Unit	Value	Tolerance
Lenght	EN 1848-1	m	10,0	-1%
Width	EN 1848-1	m	1,0	-1%
Thickness	EN 1849-1	mm	NPD	-
Weight	EN 1849-1	Kg/m2	4,5	±10%
Tensile strength at max	EN 12 311-1	L x T (N/50mm)	700/500	-20%
Elongation at max	EN 12 311-1 1999	L x T (%)	30 / 30	-15
Nail tearing resistance	EN 12 310-1	L x T (N)	150 /150	-30%
Flexibility at low temperature	EN 1109	(°C)	-10	≤
Flow resistance at elevated temperature	EN 1110	(°C)	120	≥
Dimensional stability	EN 1107-1	%	±0,3	≤
Watertightness	EN 1928-B	kPa	60	≥
Vapour transmission (μ)	EN 1931	-	-	≥
Vapour transmission (Sd)	EN 1931	m	290	≥
Mineral surface adhesion	EN 12039	%	30	≤
Reaction to fire	EN 13501-1	-	E	-
External fire performance	EN 13501-5	-	Froof	-

#### 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.

#### Modifications

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 updated technical data sheet, please contact our technical department.