

## FESTA PLUS waterproofing membrane Technical Data Sheet

Compound  
APP

Flexibility  
-5°C

rev. 05/2017

### Description

- **FESTA PLUS & mineral FESTA PLUS** are prefabricated modified polymer-bitumen membranes whose compound is composed of distilled bitumen and plastomers (APP), reinforced with a composite polyester fabric with scrim reinforcing threads (**P & PA**) or fiberglass mat (**V & VA**). The modified compound offers good ageing properties, cold flexibility, durability and elasticity.
- **FESTA PLUS (P) & FESTA PLUS (V)** are available with sand finish on the upper face to prevent the roll from sticking to itself and benefits the unrolling of the product during installation.
- **Mineral FESTA PLUS (PA) & mineral FESTA PLUS (VA)** are supplied with mineral slate chips which are available in natural or colored version. This mineral finish acts as a weathering surface and enhances the aesthetics after application. A 10 cm side selvedge is provided to allow easy alignment of the membrane during application.
- The lower face of both **FESTA PLUS** is backed by a special polyethylene burn-off film which melts during torching and prevents the roll from sticking to itself. The correct application temperature is visible from the embossed surface of the membrane which is below the burn off film, when the correct temperature is reached, this embossment melts also helping vapor diffusion and avoiding blistering.

### Field of use

- **FESTA PLUS (P) & mineral FESTA PLUS (PA)**, due to the polyester reinforcement doubled with fiberglass filaments, offers a better dimensional stability, tensile strength, both longitudinal and transversal and ultimate elongation.
- **FESTA PLUS (V) & mineral FESTA PLUS (VA)** on the other hand offers excellent dimensional stability and is normally used as a first layer in a two layer system (**V**) or as a cap sheet, mineral slate version (**VA**), over a polyester.

Technical properties	M.U.	FESTA PLUS		Tolerances
		V (VA)	P (PA)	
Reinforcement		Fibreglass	Polyester	
Roll length (EN 1848-1)	m	10	10	± 0,2 %
Roll width (EN 1848 -1)	m	1	1	± 1 %
Nominal weight (EN 1849 - 1)	kg/m <sup>2</sup>	2 / 3 / 3,5 / 4 / 4,5 / 5	2 / 3 / 3,5 / 4 / 4,5 / 5 / 5,5	± 10 %
Cold flexibility (EN 1109)	°C	-5		-
Tensile strength (EN 12311-1)				
-longitudinal	N/ 5 cm	450	650	± 20 %
-transversal		250	500	
Ultimate elongation (EN 12311-1)				
-longitudinal	%	2	20	± 15 V.A.
-transversal		2	20	
Resistance to static loading (EN 12730)	kg	5	10	min
Dimensional stability (EN 1107 -1)	%	0,1	0,2	max
Flow resistance (EN 1110)	°C	120		min
Watertightness (EN 1928)	Kpa	60		min
Reaction to fire (EN 13501-1)	class	F		