



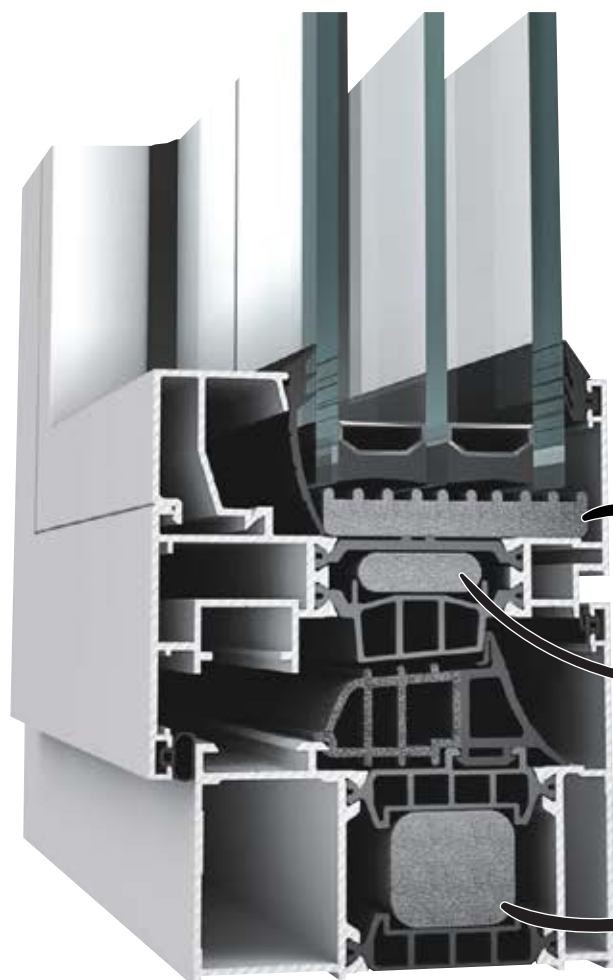
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PLAMAFRAME PROFILES

Closed cell expanded polyethylene foam insulation for window and façade systems.

Technical data

Characteristic	Test method	Units (SI)	Values
Dimensional tolerances	ISO EN14313	mm	See tech drawing
Density tolerance	ISO 845	kg/m ³	30 ± 5
Heat conductivity (λ)	EN 12667	W/mK	0,038 *
Fire class classification	EN 13501	-	Class "E" **
Water absorption in 7 days	ISO 2896	Vol.%	< 2
Material group	Appearance	-	Non cross-linked PE
Cell structure	Appearance	-	Closed cell structure
Temperature conditions	Internal	°C	-40 - +80
Color	Appearance	-	Dark gray



 **Fraunhofer**

*Test conducted at Fraunhofer Institute IBP, Stuttgart, reports P1 168-170/2015.

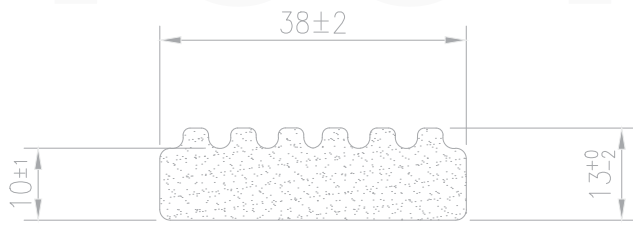


** Test conducted at ift Rosenheim GmbH Institute, report No. 19-002932-PR02 (KB-K88-01-en01).

CLOSED CELLS MATERIAL:

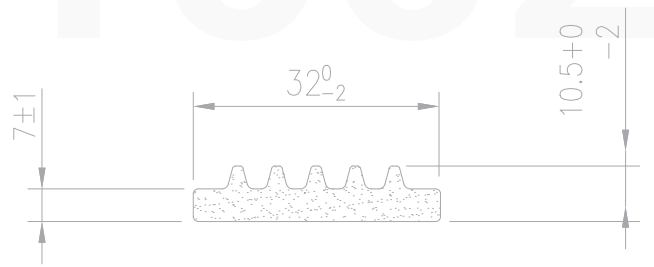
- * Impermeable to air, liquids and gases;
- * Good heat resistance;
- * It's characteristics are able to guarantee a good thermal insulation.

PLAMAFRAME 1001



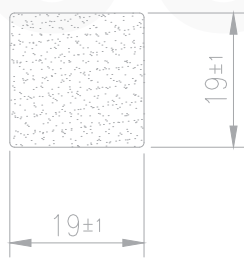
Application	Under glass	
Nominal dimensions	Height	Width
	13mm	38mm

PLAMAFRAME 1002



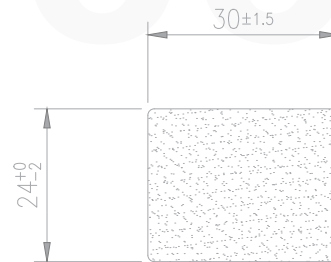
Application	Under glass	
Nominal dimensions	Height	Width
	10.5mm	32mm

PLAMAFRAME 1003



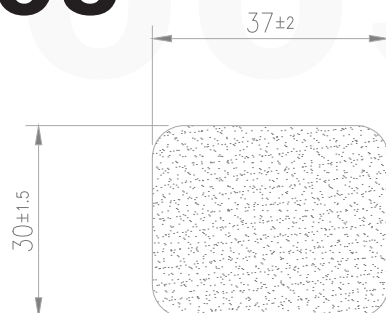
Application	Between polyamide profiles	
Nominal dimensions	Height	Width
	19mm	19mm

PLAMAFRAME 1004



Application	Between polyamide profiles	
Nominal dimensions	Height	Width
	24mm	30mm

PLAMAFRAME 1005



Application	Between polyamide profiles	
Nominal dimensions	Height	Width
	30mm	37mm

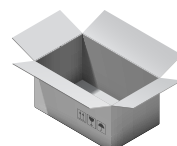
STANDARD PACKAGING TYPES



Box 400x300x2050 mm = 0,27 m³ (2 m pieces)

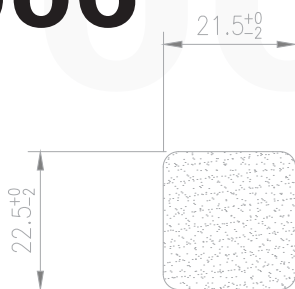


Cardboard spool fi 1185x500 mm = 1,25 m³



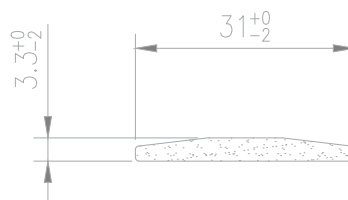
Box + roll 400x400x510 mm = 0,12 m³

PLAMAFRAME 1006



Application	Between polyamide profiles	
Nominal dimensions	Height 22.5mm	Width 21.5mm

PLAMAFRAME 1007



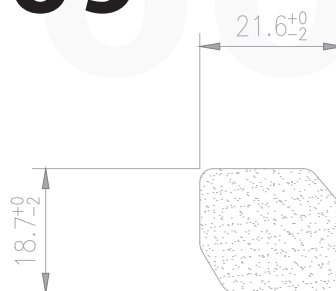
Application	Between polyamide profiles	
Nominal dimensions	Height 3.3mm	Width 31mm

PLAMAFRAME 1008



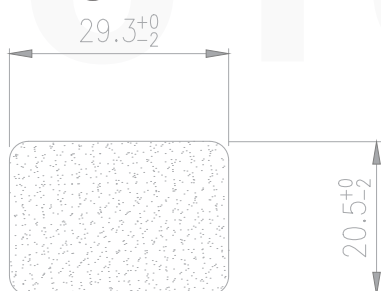
Application	Between polyamide profiles	
Nominal dimensions	Height 21.6mm	Width 40.6mm

PLAMAFRAME 1009



Application	Curtain wall	
Nominal dimensions	Height 18.7mm	Width 21.6mm

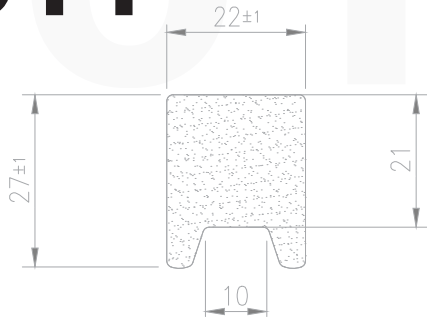
PLAMAFRAME 1010



Application	Between polyamide profiles	
Nominal dimensions	Height 20.5mm	Width 29.3mm



PLAMAFRAME 1011



Application

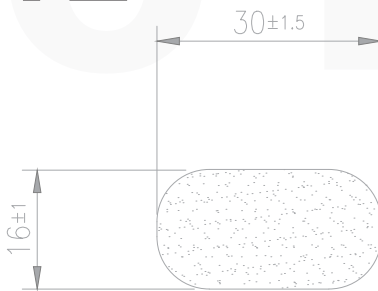
Curtain wall

Nominal dimensions

Height	Width
27mm	22mm



PLAMAFRAME 1012



Application

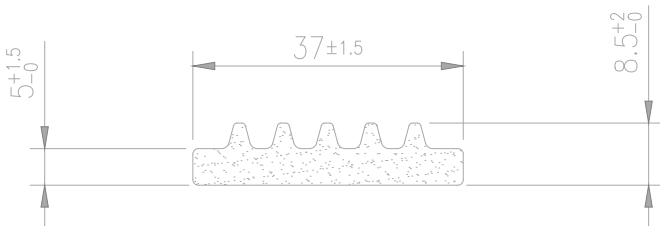
Between polyamide profiles

Nominal dimensions

Height	Width
16mm	30mm



PLAMAFRAME 1013



Application

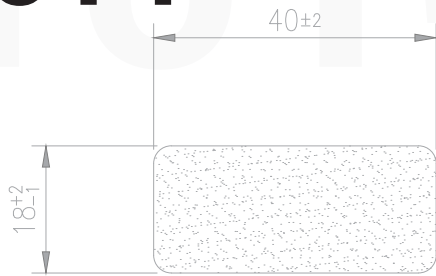
Under glass

Nominal dimensions

Height	Width
8.5mm	37mm

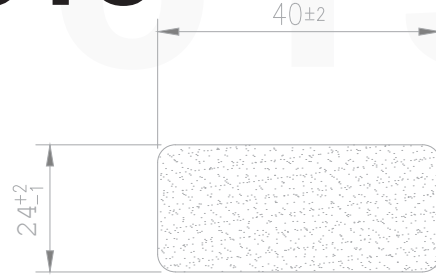


PLAMAFRAME 1014



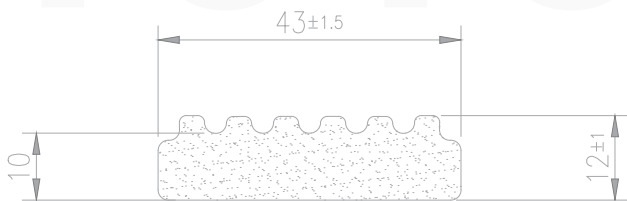
Application	Between polyamide profiles	
Nominal dimensions	Height 18mm	Width 40mm

PLAMAFRAME 1015



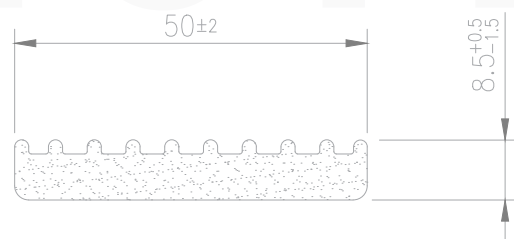
Application	Between polyamide profiles	
Nominal dimensions	Height 24mm	Width 40mm

PLAMAFRAME 1016



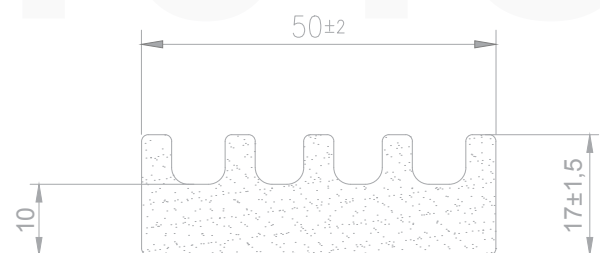
Application	Under glass	
Nominal dimensions	Height 12mm	Width 43mm

PLAMAFRAME 1017



Application	Under glass	
Nominal dimensions	Height 8.5mm	Width 50mm

PLAMAFRAME 1018



Application	Under glass	
Nominal dimensions	Height 17mm	Width 50mm

On the request, there are possibilities of applying different dimensions of grooves, cuts and glue.

ADVANTAGES

Multiple recycling material
 Elasticity and toughness in a wide temperature range
 Excellent mechanical characteristics
 Resistant to silicones, moisture, chemicals, salts, alcohol, gasoline and organic solvents



UF WITHOUT FOAM 2,298



Figure 1. Frame section.

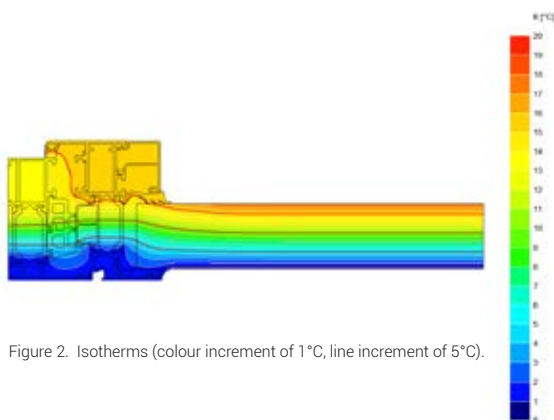


Figure 2. Isotherms (colour increment of 1°C, line increment of 5°C).

UF WITH FOAM 1,684



Figure 1. Frame section.

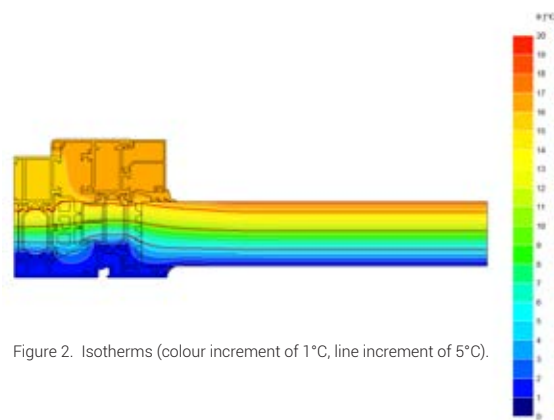
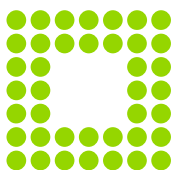


Figure 2. Isotherms (colour increment of 1°C, line increment of 5°C).

By request, we provide customers with Uf calculation through Bisco Software.





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