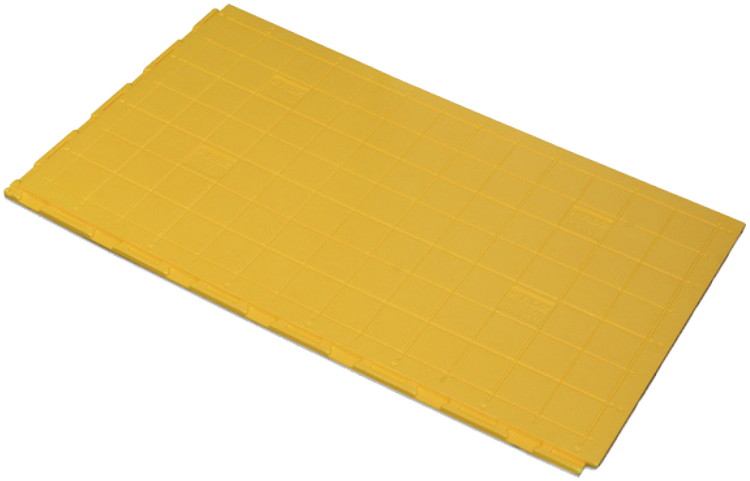
SMOOTH COVER PANEL

TECHNICAL SHEET

It is a panel without reliefs, which should be placed near the manifold outlets.
It is made of moulded expanded polystyrene (according to UNI 13163), and has high mechanical resistance.
It is combined with a special plastic film in order to protect it from humidity and to improve its resistance to the deformations of the walking surface.



Size (mm)	Code
1161x663x20	1056120
1161x663x30	1056130

FEATURES	SYMBOL	20 mm	30 mm	UNIT	STANDARD
Necessary Length	L1	1161		mm	UNI EN 822
Necessary Width	W1	663		mm	UNI EN 822
Total Thickness	T4	20	30	mm	UNI EN 823
Compressive stress at 10% deformation	CS(10)	120		kPa	UNI EN 826
Compressive stress at 5% deformation		115		kPa	
Compressive stress at 2% deformation		82		kPa	
Thermal conductivity at 10 °C	λ_D	0,035		W/(m•K)	UNI EN 13163
Thermal resistance	R_D	0,55	0,85	(m²•K)/W	UNI EN 13163
Transmittance	U	1,75	1,16	W/(m²•K)	
Water vapour resistance factor	μ (MU)	30 ÷70			UNI EN 12086
Dimension stability 48h/70°C	DS(70,-)	≤ 0,5		%	UNI EN 1604
Reaction to fire class		F		Euroclass	UNI EN 13501-1
Water absorption by partial immersion	Wlp	0,5		kg/m²	UNI EN 12087
Long-term water absorption by total immersion	WL(T)	≤ 3		%	UNI EN 12087
Max operating temperature		70		°C	
Weight		470	620	g	
Specific heat	C	1450		J/kg•°k	UNI EN 10456
HIPS Foil thickness		150		μm	
Declarations according to UNI EN 13163					
Class: 120					
Unique identication code of the product-type: EPS-EN 13163-T2-L3-W3-S2-P5-BS 170-CS(10)120-DS(70,-)1-WL(T)3-MU(30-70)					

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COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

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