



# ROTOCELL AD

## DESCRIPTION

Universal insulating adhesive roll in expanded polyethylene density 22 Kg / m<sup>3</sup>, with controlled and constant density. This band is mandatory for sealing all joints of the various acoustic products, both for floor and wall products.

SIZE		
Thickness	mm	3 mm
Format	Roll	0,10 x 100 m
Packaging	Sack	1500,0 m
Height	cm	10 cm

EXPANDED POLYETHYLENE		
FEATURES	SYMBOLS	VALUE
Thermal conductivity at 50 ° C	$\lambda$	0,038 W/mK
Working temperature	T	-30°C / +80°C
Thermal resistance (24 hours at 70 ° C)	$F_{temp}$	< 0,5 %
Longitudinal tensile strength	$\sigma_{t,l}$	0,219 N/mm <sup>2</sup>
Transverse tensile strength	$\sigma_{t,t}$	0,170 N/mm <sup>2</sup>
Longitudinal elongation at break	$\Delta L_l$	67 mm
Elongation at transverse break	$\Delta L_t$	52 mm
Compressive strength at 25%	$\sigma_{c,25\%}$	0,024 N/mm <sup>2</sup>
Compressive strength at 50%	$\sigma_{c,50\%}$	0,081 N/mm <sup>2</sup>
Compressive strength at 75%	$\sigma_{c,75\%}$	0,200 N/mm <sup>2</sup>
Creep test (1 psi) after 1 hour	Ct	3%
Creep test (1 psi) after 24 hours	Ct	7%
Creep test (1 psi) after 168 hours	Ct	11%
Decay time (from + 5KV to + 50V)	Dc	< 2 sec

## EXAMPLE OF LAYING



1

Polymaxitalia acoustic membrane

2

**ROTOCELL AD** sealing band



## METHOD

Proceed with sealing all the joints with the Rotocell AD adhesive strip. It is absolutely not recommended to use mechanical fasteners to keep the panel locked. If necessary, it is possible to use the Rotocell AD adhesive strip for further stability of the covering during installation. The panel must be laid so that it is perfectly placed next to the lateral partition and the soffit of the floor so as not to leave dangerous acoustic bridges.

**ATTENTION:** This document is not a specification. It will be the user's responsibility to establish whether the product is suitable for the intended use.

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**POLYMAXITALIA**  
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