



# Thermo Reflex Pro 5

Description: Thermo reflectant insulating material composed by 2 films of INSULAID polyester, metal reinforced, 2 polyester paddings and 1 sheet of metal reinforced polyester 12 µm thick.

## GENERAL INDICATIONS

roll lenght	-	m.l.	<b>9,81</b>	+/-10%
roll eight	-	m	<b>1,53</b>	+/-10%
useful surface	-	m <sup>2</sup>	<b>15</b>	+/-20%
thickness	-	mm	<b>23</b>	+/-10%

## CHEMICAL PHYSICAL FEATURES

weight	-	kg/m <sup>2</sup>	<b>0,365</b>	+/-10%
roll weight	-	kg	<b>5,5</b>	+/-20%
outer reinforced film weight	-	g/m <sup>2</sup>	<b>97</b>	+/-15%
outer reinforced film thickness	-	µm	<b>88</b>	+/-6%
breaking load of outer reinf. Film MD/CMD	ASTM D882	N/50mm	<b>&gt;30/&gt;70</b>	
water vapour permeability	ASTM F1248	g/m <sup>2</sup> /24H	<b>1,5</b>	

Inner polyester film thickness	-	µm	<b>12</b>	
Emissivity	ASTM E1585	%	<b>3</b>	+/-2%
Reflectivity	ASTM E1585	%	<b>97</b>	+/-0,06%

Padding weight	ISO 9073-1	g/m <sup>2</sup>	<b>&gt;80</b>	<b>RECYCLABLE</b>
Polyester padding fire resistance	BS 5852	FLAME RETARDANT	<b>SOURCE #2</b>	

## Thermal Properties

Equivalent thickness* in λ=0.038 W/mK fiberglass	120,0	mm	<b>+/- 10</b>
Thermal resistance Rt* (evaluation)	3,1	m <sup>2</sup> K/W	<b>+/- 0,5</b>
Thermal Thermal trasmittance Ut* (evaluation)	0,323	W/m <sup>2</sup> K	<b>+/-0,25</b>

\* Data extimated with two centimeters of air gap for every side in still air regime. Test realized on site for normal woking conditions, with materials applied following our technical instructions.

## OVERLAPPING ADHESIVE

Recommended adhesive	<b>100P</b>
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## PACKAGING

type				
roll per pallet	-	n°	<b>30</b>	
m <sup>2</sup> /roll	-	m <sup>2</sup>	<b>15</b>	+/-20%
m <sup>2</sup> /pallet	-	m <sup>2</sup>	<b>450</b>	+/-20%

The information given in this data sheet is to the best of our knowledge true and correct, however new research results and practical experience can make revisions necessary. No guarantee or liability can be drawn from the information mentioned herein. Furthermore, is not our intention to violate any patents or licences.

For any further information on company, product and installation instructions please consult web site [www.tegolacanadese.com](http://www.tegolacanadese.com)



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Company with quality and environmental system certificated according to ISO 9001 and ISO14001