

UK DECLARATION OF PERFORMANCE

UK-DOP N°001-2022-02

1. Unique identification code of the product-type: **CO3-S-01**

Commercial name: **HYBRIS**

2. Intended use:

Hybris panels are intended for use in construction systems as thermal insulation in roof, wall and floor applications.

3. Manufacturer:

ACTIS S.A.

30 Avenue de Catalogne

F-11300 LIMOUX

www.actis-isolation.com

4. Authorised representative:

ACTIS Insulation Ltd.

Unit 2a, Cornbrash Park

Bumpers Farm Industrial Estate

Chippenham SN14 6RA

www.insulation-actis.com

5. System/s of AVCP: **System 3**

6. a/ Harmonised standard : **Not applicable**

b/ UK Assessment Document:

UKAD-040007-00-1201 – Thermal Insulation products for buildings with radiant heat reflective component

UK Technical Assessment: **UKTA-0836-22/6039 of 22/06/2022**

Technical Assessment Body issuing the UK Technical Assessment:

British Board of Agrément

Bucknalls Lane, Garston,

Watford, WD25 9BA

www.bbacerts.co.uk

Identification number of the Approved Body: **0836**

ACTIS

TOMORROW'S INSULATION TODAY

ACTIS INSULATION Ltd.
Unit 1 Cornbrash Park - Bumpers Way
Bumpers Farm Industrial Estate
CHIPPENHAM
Wiltshire
SN14 6RA

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7. Declared performance/s:

Essential characteristics	Standard	Performances																																																
	HYBRIS																																																	
Reaction to fire Euroclass characteristics	EN 13501-1	Class F																																																
Water vapour transmission	EN 12572	Sd > 90 m																																																
Thickness range	EN 823	50 to 250 mm																																																
Declared core thermal resistance	EN 16012	<p>Non ventilated air gap thermal resistance calculation according to EN ISO 6946</p> <table border="1"> <thead> <tr> <th>Thickness (mm)</th> <th>R_{core} (m².K/W)</th> <th>R + 1 air gap (m².K/W)</th> </tr> </thead> <tbody> <tr><td>50</td><td>1,50</td><td>2,15</td></tr> <tr><td>60</td><td>1,80</td><td>2,45</td></tr> <tr><td>75</td><td>2,25</td><td>2,90</td></tr> <tr><td>90</td><td>2,75</td><td>3,35</td></tr> <tr><td>105</td><td>3,20</td><td>3,80</td></tr> <tr><td>125</td><td>3,80</td><td>4,45</td></tr> <tr><td>140</td><td>4,25</td><td>4,90</td></tr> <tr><td>155</td><td>4,70</td><td>5,35</td></tr> <tr><td>170</td><td>5,15</td><td>5,80</td></tr> <tr><td>185</td><td>5,65</td><td>6,25</td></tr> <tr><td>195</td><td>5,95</td><td>6,55</td></tr> <tr><td>205</td><td>6,25</td><td>6,85</td></tr> <tr><td>220</td><td>6,70</td><td>7,35</td></tr> <tr><td>235</td><td>7,15</td><td>7,80</td></tr> <tr><td>250</td><td>7,60</td><td>8,25</td></tr> </tbody> </table> <p>air gap of 20mm, horizontal heat flow</p>	Thickness (mm)	R _{core} (m ² .K/W)	R + 1 air gap (m ² .K/W)	50	1,50	2,15	60	1,80	2,45	75	2,25	2,90	90	2,75	3,35	105	3,20	3,80	125	3,80	4,45	140	4,25	4,90	155	4,70	5,35	170	5,15	5,80	185	5,65	6,25	195	5,95	6,55	205	6,25	6,85	220	6,70	7,35	235	7,15	7,80	250	7,60	8,25
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Declared emissivity	EN 16012	≤ 0,06 / 0,10																																																

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Essential characteristics		Standard	Performances
		HYBRIS	
Biological resistance		NPD	
Chemical additives retention		NPD	
Corrosion resistance		ISO 9227	No major loss of material
Compressive creep		NPD	
Pointwise load strength		NPD	
Peel strength of tape before/after ageing		EN ISO 11339	> 20 N/100mm
Tensile strength before / after ageing	Product resistance	EN 1608	> 45 kPa
	Product resistance with tape		> 80 N/100mm
Tensile strength to transverse direction before/after ageing		NPD	
Resistance to tearing, nail shank before/after ageing		EN 12310-1	> 150 N
Surface mass (density)		EN 1602	7,75 kg/m ³
Water uptake		NPD	
Compressive strength		NPD	
Dimensional stability		NPD	
Emission of dangerous substances		None	

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8. Appropriate Technical Documentation and/or Specific Technical Documentation:
Not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Construction Products Regulations 2020 No 1359, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Laurent THIERRY
Chairman / Managing Director

At Limoux, on 07/11/2022

