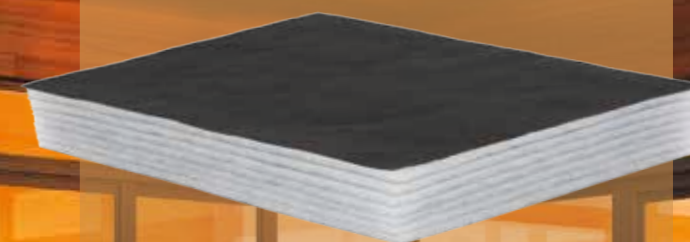


ATI[®] PRO BARDAGE

**MULTI-REFLECTIVE
INSULATION
with integrated
HPV screen**

**INSULATION AND
RAINSCREEN IN
ONE INSTALLATION**



20

EN 13859-1:2010
EN 13859-2:2010

Notified body no. 1301

A flexible underlayment for discontinuous roofing.
A flexible underlayment for external walls and partitions.
ATI France - 146 Av. du Bicentenaire - 01120 Dagneux - France
DoP no. ATI-PRO BARDAGE-009-0620
available on www.ati-isol.com

CHARACTERISTICS	PERFORMANCES	STANDARDS
Reaction to fire	Euroclass F	EN 13859-1:2010
Watertightness	Class W1	EN 13859-2:2010
Ownership of water vapour transmission	Sd = (84 ± 11) m	EN 13859-2:2010
Tensile properties: - Tensile strength and maximum elongation	LD: (737 ± 35) N/50 mm Elong. (31 ± 7) % TD: (642 ± 53) N/50 mm Elong. (9 ± 2) %	
Resistance to nail tearing (nail shank)	LD: (256 ± 6) N TD: (265 ± 13) N	EN 13859-1:2010 EN 13859-2:2010
Flexibility at low temperatures	Min. - 40°C	
Artificial ageing due to exposure to UV and heat. Tests after exposure: - Watertightness: - Tensile properties:	Class W1 LD: (619 ± 40) N/50 mm Elong. (23 ± 3) % TD: (569 ± 85) N/50 mm Elong. (11 ± 1) %	



*Information on the level of emissions of volatile substances in indoor air, preventing a risk of indoor air quality, see also call from the Agency for Environment & Energy.

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ATI PRO BARDAGE

the newest addition to the ATI® range

This product is specially suited to the insulation of external walls with exterior wall cladding. With a thermal performance of **more than 3.7 m² K/W** **ATI® PRO BARDAGE** offers maximum effectiveness for minimum thickness.

Fitted with an HPV rainscreen, **ATI® PRO BARDAGE** is airtight and watertight. NF EN 16012 certified, it is eligible for support for energy efficiency retrofits.



Insulation works must meet **R** performance criteria and must be carried out by an EGR tradesman to benefit from support, according to legislation in force.



The main forms of support are

- Tax credit for energy transition (CITE)
- Assistance from ANAH
- Energy savings certificate (ESC)
- 0% eco-loan (Eco-PTZ)
- Reduced VAT rate of 5.5%



CERTIFIED THERMAL PERFORMANCES

ATI® PRO BARDAGE

- Thin and flexible:
 - insulates window ridges
 - it prevents the need to restart the roof
- High-performance insulation
- Total air- and watertightness
- Comfortable both in summer and winter
- Simple, easy, and quick to install
- Healthy and durable insulation

ATI® PRO BARDAGE Multi-reflective insulation with HPV screen*	Thermal resistance R (m ² K/W)	Reference standards	Test reports
Intrinsic insulation	3,54	NF EN 16012 : 2012+A1 2015	KTU no. 079-1 SF/19U
Insulation installed between two air gaps (1 ventilated and 1 inert)	4,37		

* HPV: Highly permeable to water vapour



INNOVATIVE COMPOSITION

- Integrated rainscreen
- Film that is highly thermo-reflective
- Hydrophobic and rot-proof
- Totally hypoallergenic, without microparticles or harmful fibres
- It does not attract pests (rodents, birds, insects, etc.)



TECHNICAL CHARACTERISTICS

Thickness	± 80 mm*
Area density	850 g/m ²
Packaging	10 m x 1,5 m = 15 m ² ± 3%
Weight of the roll	13 kg

* Thickness can vary according to the compressions on the roll.

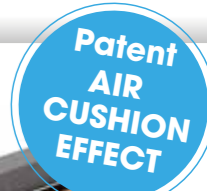


INSTALLATION IN EXTERNAL WALL BEHIND VENTILATED AND EXTERIOR WALL CLADDING

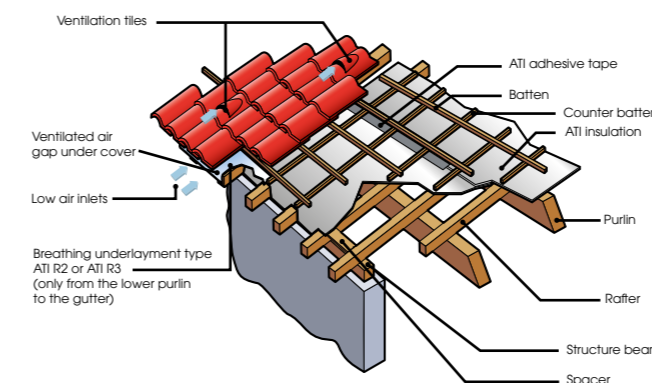
For optimal insulation, leave an air gap (minimum of 20 mm) on each side of the insulation.

- Attach a wooden bearing structure to a masonry or concrete wall, 60 cm apart, vertically and horizontally.
- Roll out and clip the **ATI® PRO BARDAGE** insulation to the structure, with slight tension. The black face (rainscreen) faces out. Use clips of at least 20 mm (galvanised or stainless steel) or wide-headed nails as it is a thicker product.
- Install the next strips with an overlap of at least 50 mm.
- Attach the cover of each strip using the adhesive **ATI® FIX PRO**.
- Vertically attach the secondary framework (counter-battens, mini. 38 x 38 mm, supports of the weatherboard finish) in order to ventilate the back of the weatherboard (NF DTU 41.2).
- Install the non-transparent weatherboard, in accordance with the instructions of the manufacturer.

Refer to the ATI® technical book, in particular pages 6 and 14 for general recommendations for installation.



ON RAFTERS BETWEEN 2 AIR GAPS



UNDER RAFTERS BETWEEN PURLINS WITH EXISTING INSULATION BETWEEN RAFTERS Plasterboard finish

