

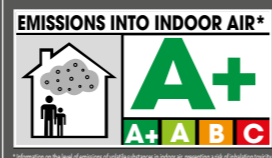


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EN 13859-1:2010
EN 13859-2:2010

Notified body no. 1301

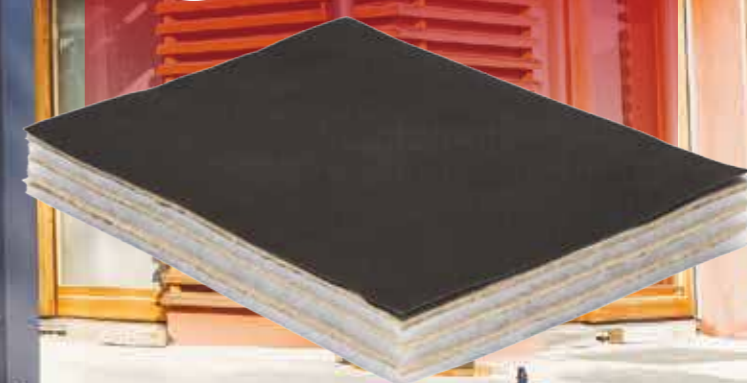
Flexible under-roof screen for roofing in small discontinuous elements.
Flexible screen for walls and exterior walls.
ATI France - 146 Av. du Bicentenaire - 01120 Dagneux - France
DoP no. ATI-MF-PRO-001-0718
available on www.ati-isol.com

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 = 0.176 m	EN 13859-2:2010
Tensile properties: - Tensile strength and maximum elongation	LD: 560 (± 50) N/50 mm TD: 430 (± 40) N/50 mm LD: 8 (± 2) % TD: 11 (± 3) %	
Resistance to nail tearing (nail shank)	LD: 610 (± 50) N/50 mm TD: 570 (± 50) N/50 mm	EN 13859-1:2010 EN 13859-2:2010
Flexibility at low temperatures	- 40°C	
Artificial ageing due to exposure to UV and heat. Tests after exposure: - Watertightness: - Tensile properties:	Class W1 LD: 420 (± 30) N/50 mm TD: 350 (± 30) N/50 mm LD: 8 (± 2) % TD: 8 (± 2) %	



ATI® PRO
HPV MULTI-REFLECTIVE
INSULATION

**100% BREATHABLE
INSULATION**
with under-roof screen
FOR ROOFS & WALLS



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CERTIFIED ISOLATION, eligible for support for energy efficiency

With its thermal resistance **R** measured in accordance with NF EN 16012, **ATI PRO** is eligible for support to encourage 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 the legislation in force



Performance criteria to be met

WALLS	
Façade walls or gable walls	$R \geq 3,7 \text{ m}^2 \cdot \text{K/W}$
ROOFS	
Roof verges, loft roofs	$R \geq 6 \text{ m}^2 \cdot \text{K/W}$
FLOORS	
Floors of lost lofts	$R \geq 7 \text{ m}^2 \cdot \text{K/W}$



Crédit d'Impôt Transition Énergétique (CITE). Voir les textes en vigueur.

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

Measured in a laboratory in accordance with EN 16012

R intrinsic	1,96 m ² .K/W
ε emissivity	0.05 / 0.18

Based on test report KTU no. 065-3 SF/19 U, EOTA notified laboratory

R global with 2 air gaps = 3.08 m².K/W



Complete the ATI PRO with another insulation to meet the required criteria.

According to EN 16012/2012+A1, EN ISO 8990:1999

Measured in a dynamic guarded hot box

Equivalent R thermal resistance	6 m².K/W
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Equivalent to 24 cm of conventional insulation based on actual energy consumption.



Felt after implementation

- Limited overheating in summer due to the reflection of solar radiation
- Heating energy savings in winter
- Draughts were stopped and thermal bridges were avoided
- Pleasant feeling of comfort due to the warm wall effect

TECHNICAL CHARACTERISTICS

Thickness	± 40 mm*
Area density	1.2 kg/m ²
Roll packaging	10 m x 1,5 m = 15 m ² ± 3%
Roll weight	16 kg

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



UNIQUE ADVANTAGES

EFFECTIVENESS WITH THIN INSULATION

- 40 mm to preserve volume and living space
- Flexible and light, it can be adapted to all shapes

SUSTAINABLE THERMAL COMFORT IN SUMMER AND WINTER

- It protects lofts from the heat in summer
- Equivalent to 24 cm of conventional insulation ($R \text{ eq. } 6 \text{ m}^2/\text{K/W}$)
- It does not attract pests (rodents, birds, insects, etc.)

FULLY BREATHING

- Highly permeable to water vapour (HPV)
- Eliminates the risk of condensation

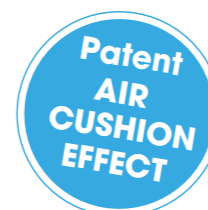
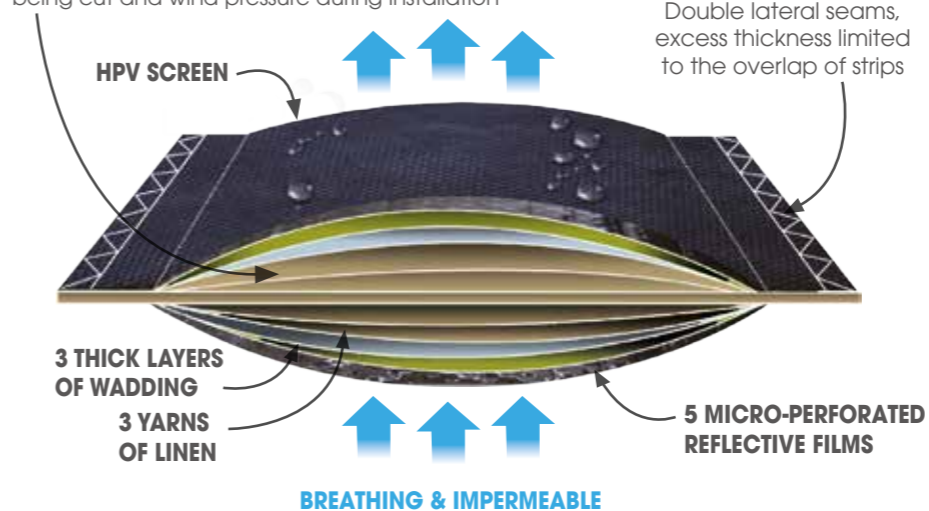
CAN BE INSTALLED DIRECTLY

on top of existing insulation and continuous support

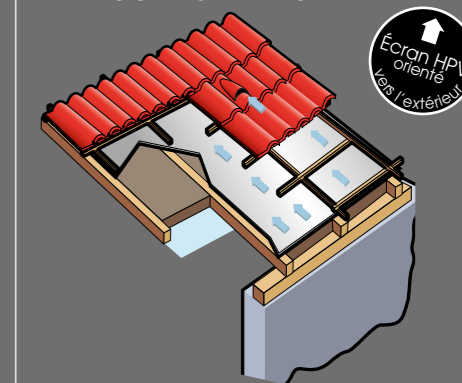
INSULATION AND SCREEN IN ONE INSTALLATION

- Easy and quick to install
- Safe to install and use
- Time savings, site protected from inclement weather

The presence of collection points in the complex prevents the mille-feuille effect when insulation is being cut and wind pressure during installation

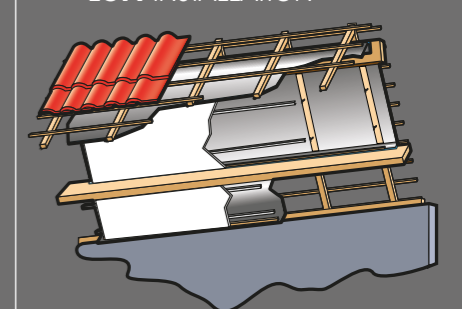


ROOF INSTALLATION



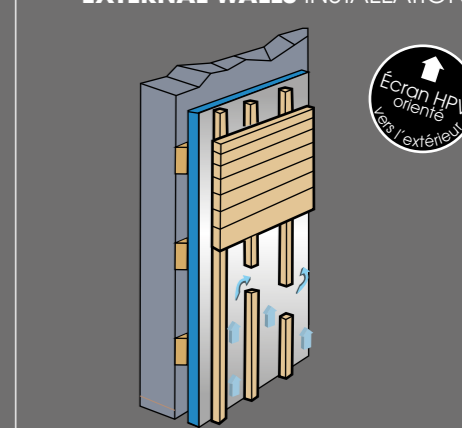
- 100% breathing, ATI PRO can be in direct contact with the insulation installed between rafters or on the batten.
- If possible, convert an air gap on each side of the insulation to optimise its thermal performance.
- Insulation and airtightness in one.

LOFT INSTALLATION



- Space gain and apparent purlins to preserve living space and the aesthetics of the frame.
- Microperforated, ATI PRO is installed directly on a support or existing insulation, without the risk of condensation.

EXTERNAL WALLS INSTALLATION



- A thin, competitive technical solution.
- It prevents the need for roof repairs. It allows openings to be insulated without changing them (subframes and window sills).

HIGH-PERFORMANCE COMPOSITION

- Micro-perforation of materials for fully breathing insulation
- Underlayment / Affixed HPV rainscreen, guaranteeing watertightness
- Film that is highly energy-reflective
- Yarn of linen for healthy and natural hygroregulation

Refer to the technical dossier for installation details. Available on request or at www.ati-isol.com

