



SOUNDPROOFING

# ACOUSTIZOL NG

## SOUNDPROOFING



### ACOUSTIC MEMBRANE FOR WALLS AND CEILINGS



ACOUSTIZOL NG is an acoustic membrane used on walls and ceilings composed of polyester fibres laminated to a continuous high-density polyethylene complex and aluminum foil.





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## BENEFITS

- Increased reduction of airborne noise
- Easy and fast to install
- Hypoallergenic, prevents itching problems
- Can be installed on wooden or metal joist

## PRODUCT CHARACTERISTICS

ACOUSTIZOL NG	
THICKNESS	25 mm (1 in)
DIMENSION	1.22 m x 7.62 m (48 in x 25 ft)
GROSS AREA	9.3 m <sup>2</sup> (100 ft <sup>2</sup> )
WEIGHT	4.2 kg (9.3 lbs)
THERMAL RESISTANCE ( R VALUE )	2.9
FLAME SPREAD (ULC S-102)	0
NRC (ASTM C423)	0.3

# QUALITY

## SURFACE PREPARATION

ACOUSTIZOL NG is stapled on the surface of studs or under girders. Surfaces on which ACOUSTIZOL NG is applied must be free of any other product, must be dry, and must not have a higher degree of moisture than normal.

When renovating and adding ACOUSTIZOL NG on an existing wall, the gypsum can stay in place, but you must place timber strips vertically on the surface of the wall to create a space that will protect the full thickness of the membrane, instead of pushing it against the gypsum solid surface when applying resilient channels on ACOUSTIZOL NG prior to the installation of a new gypsum board.

## INSTALLATION METHOD

1. Install the first row of Acoustizol perpendicularly to ceiling joists, girders, or wall studs using a standard T-50 stapler. If the installation is done on metal framework, use metal screws.
2. Subsequent rows are put into place, taking care to overlap the aluminum strip.
3. Once all of the strips are installed, use adhesive tape to seal joints.

Note: Always use a resilient channel on ACOUSTIZOL NG to install gypsum boards.

## RESIDENTIAL USES (SOUNDPROOFING ROOMS, HOME THEATRE, ETC.)

- Basement ceilings
- Addition of simple interior walls or replacement of the acoustic insulation
- In addition to the sprayed polyurethane foam
- Etc.

## CONDOMINIUM USES

- Party wall
- Addition of simple interior walls or replacement of the acoustic insulation
- Ceilings
- In addition to the sprayed polyurethane foam
- Etc.



## WALLS AND CEILINGS SOUNDPROOFING SYSTEMS

**AZNG01**

Gypsum 16 mm, type X

Gypsum 16 mm, type X

SOPRA-CELLULOSE or fiberglass wool

Resilient channel

ACOUSTIZOL NG

Wood framing or steel studs

PROPERTIES	
FIELD TESTS	ASTC 60-64
LABORATORY TESTS	STC -

**AZNG02**

Gypsum 16 mm, type X

Gypsum 16 mm, type X

SOPRA-SPF 500

ACOUSTIZOL NG

Resilient channel

Wood framing

PROPERTIES	
FIELD TESTS	ASTC -
LABORATORY TESTS	STC 53
WHITOUT ACOUSTIZOL NG	STC 50

**AIIC:** Apparent Impact Insulation Class  
Tests in compliance with the ASTM E1007 and ASTM E989 methods

**ASTC:** Apparent Sound Transmission Class  
Tests in compliance with the ASTM E336 and ASTM E413 methods

\*The results are presented for information purposes only and may vary. They are based on the average of results obtained. Equivalent performance cannot be guaranteed by SOPREMA.

## WARRANTY

SOPREMA soundproofing products are guaranteed against all manufacturing defects and to be suitable for all stated uses. SOPREMA's liability under this guarantee is limited to replacing or refunding the purchase price of SOPREMA soundproofing products found to be defective.

If you have any questions about this product or its installation, please contact your SOPREMA representative.

