

# ChovAIMPACT® HIGH RESISTANCE

CÓD. 58051 - ChovAIMPACT® 5 AR  
CÓD. 58054 - ChovAIMPACT® 10 AR

## DESCRIPTION

High quality polyethylene sheet, with closed and sealed cells. Great resistance to compression. (> 21 kPa).

Excellent aging behaviour with a minimal thinning under continuous load. (< 10 %).



## INSTALLATION

- 1- The surface must be clean and free of irregularities. If the material was drilled will decrease its acoustic efficiency.
- 2- Unroll **ChovAIMPACT® ALTA RESISTENCIA** on the support.
- 3- Place the following length of material making an overlap of about 10 cm. If the sheet is 10 mm, sections will be placed contiguously. Place **ChovASEAL** adhesive tape on overlap joints to ensure seal.
- 4- Place **ChovAIMPACT® BANDA** in pillars, perimetre walls and around any other element likely to create an acoustic bridge



- 5- Make a mortar slab of about 5 cm. It will be armed or not depending on the mortar type and the direction of the work criteria.

# ChovAIMPACT® HIGH RESISTANCE

## TECHNICAL SPECIFICATIONS

	ChovAIMPACT® 5 HIGH STRENGTH	ChovAIMPACT® 10 HIGH STRENGTH
THICKNESS (mm)	5	10
DENSITY (kg/m <sup>3</sup> )	35	35
COMPRESSION RESISTANCE (kPa)	21	25
WATER ABSORPTION (kg/m <sup>2</sup> )	0,001	0,005
WORKING TEMPERATURE (°C)	(-80 / + 80)	(-80 / + 80)
THERMAL CONDUCTIVITY (W/m·K)	0,041	0,041
THICKNESS DECREASE UNDER CONTINUOUS LOAD (200 Kg/m <sup>2</sup> )	< 10 %	< 10 %
SOUNDPROOFING (dB)	20*	20**
DYNAMIC RIGIDITY (MN/m <sup>3</sup> )	11,9	7,9
DIMENSIONS (m)	70 x 1,5	42 x 1,5
m <sup>2</sup> /ROLL	105	63
STORAGE: The material must be kept from weather, sun light and stored upright.		

\* Theoretical calculation

\*\* APPLUS 5.013.187 Test. Consult system file S03.

## RECOMMENDED FOR.....

- Impact noise soundproofing in buildings (houses, hotels, schools, offices, ...)
- Impact noise soundproofing in applications requiring high performances of mechanical resistance (floating benches for machinery, parkings, ...)
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