ChovAIMPACT® ALTA RESISTENCIA

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

Expanded cross-linked polyethylene film of closed sealed cells having an excellent compressive strength greater than this of the ChovAIMPACT.

Advantages:

- Great resistance to ageing and quite no thickness loss when submitted to constant load stress (<10%).
- High compressive strength (>21 kPa).

TECHNICAL CHARACTERISTICS

	ChovAIMPACT 5 AR	ChovAIMPACT 10 AR
THICKNESS (mm)	5	10
THICKNESS TOLERANCE (mm)	+/- 0,3	+/- 0,3
DENSITY (kg/m²)	35	35
DYNAMIC RIGIDITY (NM/m³)	37,8	21
COMPRESSION RESISTANCE (25%) (KPa)	21	25
WORKING TEMPERATURE (ºC)	(-80/+80)	(-80/+80)
WATER ABSORPTION (kg/m²)	0,001	0,005
THERMAL CONDUCTIVITY (W/m·K)	0,041	0,041
REACTION TO FIRE (euroclase)	F	F
IMPROVING THE IMPACT NOISE LEVEL ΔLw (dB)	21*	22**
IMPACT NOISE LEVEL L'nT,w "in situ" (dB)	<58	<56
DIMENSIONS (m)	70x1,5	42x1,5
m²/ROLL	105	63

STORAGE: The material must be protected from the elements, from sunlight and stored in an upright position.

* Nº Test Reference: 20.I.003
** Nº Test Reference: 20.I.004

INSTALLATION

1- The support must be clean and without irregularities. If the material is perforated it will decrease its acoustic efficiency.
2- Unroll the **ChovAIMPACT ALTA RESISTENCIA** on the support. It is recommended not to step on the material.
3- Place the next section of material. In the 10 mm sheets, do not make overlaps, leaving the joint at the end. For 5 mm sheets, make a 10 cm overlap at the joints.
4- Place **ChovAIMPCAT BANDA DE SOLAPE RT** adhesive tape on the joints to ensure watertightness.
5- Place **ChovAIMPACT BANDA** on the pillars, the perimeter enclosures and around any other element capable of creating an acoustic bridge.
6- Make a mortar floor of about 5 cm. It will be assembled or not depending on the type of mortar and at the discretion of the project management.

RECOMMENDED USE...

-Impact noise soundproofing of buildings (residential buildings, hotels, schools, offices...).
- Impact noise insulation in such cases where a high mechanical strength performance is required (load-bearing for machinery, parking lots...)