

# ChovAIMPACT® PLUS

CÓD. 58050

ChovAIMPACT PLUS is a multilayer composite product consisting in three layers of high quality polyethylene film obtained from an extruding manufacturing process and a physical expansion of closed sealed cells. Multilayer composite structure enhancing impact noise reduction.

Prevents the transmission through the floor of noise caused by footsteps or dropping objects.



## TECHNICAL CHARACTERISTICS

THICKNESS (mm)	9
THICKNESS TOLERANCE (mm)	+/- 0,3
DENSITY (kg/m <sup>3</sup> )	25
DYNAMIC RIGIDITY (NM/m <sup>3</sup> )	33,4
COMPRESSION RESISTANCE (KPa)	8,1
WORK TEMPERATURE (°C)	(-80/+80)
WATER ABSORPTION (kg/m <sup>2</sup> )	0,0076
THERMAL CONDUCTIVITY (W/m·K)	0,041
REACTION TO FIRE (euroclase)	F
IMPROVING THE IMPACT NOISE LEVEL $\Delta L_w$ (dB)	24*
IMPACT NOISE LEVEL $L'_{nT,w}$ "in situ" (dB)	<55
DIMENSIONS (m)	45x1,5
m <sup>2</sup> /ROLL	67,5

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

\* N° Test Reference: 20.I.005

### 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 PLUS** on the support. It is recommended not to step on the material.
- 3- Place the next section of material.
- 4- Place **ChovAIMPACT 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 soundproofing of leisure premises with sound amplifiers (bars, restaurants, supermarkets...)