



FEUILLE LOURDE R35

The **HEAVY FOIL R35** is an adhesive viscoelastic membrane particularly recommended for insulation reinforcement of walls, enclosures or damping of floors, iron sheets and plates, and other metallic items.

COMPOSITION :

Bitumen, high-density mineral fillers, elastomers.

ADVANTAGES :

- Soundproofing increase (compared to a standard wall or ceiling): from 8 to 11 dB.
- Easy to lay, because of the adhesive side.
- Efficient on a large bandwidth.
- Excellent vibrations and shocks damping properties.



TECHNICAL DATAS :

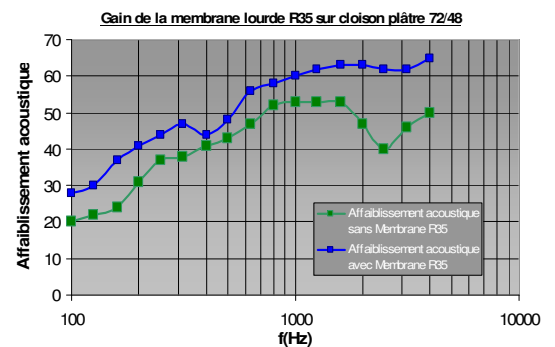
Dimensions :	Rolls 10 x 1 m.
Standard thickness:	3,5 mm.
Look :	High density polyethylene black sheet (watertightness properties).
Density :	5 kg/m ²
Temperature range:	from -20°C to + 90°C (110°C for M1 version).
Fire-retardant :	M4 - <i>available in M1 version.</i>

ACOUSTIC PERFORMANCES :

The measured wall is a MS 75/1.50.1.A, composed from two Gypsum boards. Th soundproofing increases were measured by CSTB laboratories, according to the current norms.

f (Hz)	100	125	160	200	250	315	400	500	630
with R35	28	30	37	41	44	47	44	48	56
without R35	20	22	24	31	37	38	41	43	47

f (Hz)	800	1000	1250	1600	2000	2500	3150	4000
with R35	58	60	62	63	63	62	62	65
without R35	52	53	53	53	47	40	46	50



INSTALLATION :

The **HEAVY FOIL** must be applied at a temperature over 18°C. After application, hold a pression on the sheet, during a few minutes for a good fixation. The surfaces must imperatively be clean, free from oil, grease, humidity and dusts.

APPLICATIONS :

- Acoustic insulation of separative, or distributive walls, with metallic structure.
- Acoustic insulation of ceilings, roofs.
- Acoustic doubling of existing walls.
- Shocks damping membrane for floors.
- Reinforcement of acoustic enclosures and screens.
- Damping of vibrating iron sheets and plates.

