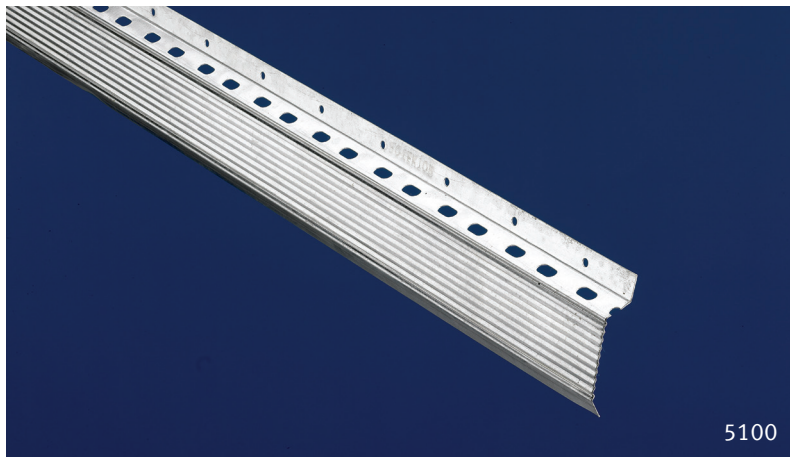


PROTEKTOR RESILIENT BAR PROFILES



Protektor Resilient Bar Profiles are designed to improve the sound insulation of plasterboard walls and ceilings whether used in new build or in the improvement of existing constructions. The profile assists in isolating the plasterboard from the supporting surface, hence reducing the area of contact and dissipating the level of sound transferring through the metal section. DIN Standard profile 5007 is particularly effective when supporting a greater mass or weight of board (max 50 kilos/m²) to assist in achieving higher levels of acoustic performance.

Care should be taken to ensure that fixings do not penetrate through the resilient bar into the timber joist as this will create flanking and reduce the performance of the profile.

PERFORMANCE

The choice of board will be dependent on the performance required for both fire and sound insulation. Reference should be made to the National Building Regulations Approved Document and Building Standards (Scotland) Regulations before commencement of work. The board manufacturer's data sheets also offer valuable detail.

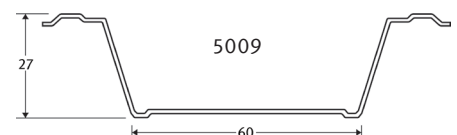
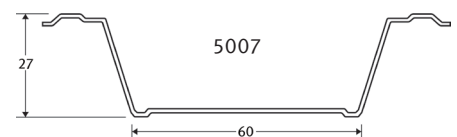
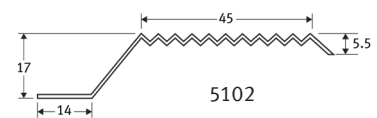
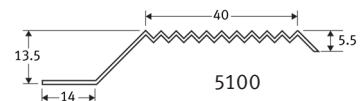
METHOD OF BUILD

Fix resilient bars 90 degrees to stud work framing either to ceilings or walls. Fix with the narrow flange to the bottom and the fixing flange to the top using the desired fixing, with exception to the top bar which is fixed with the fixing flange at the bottom. For single boarded systems install at 400mm centres, for double boarded systems install resilient bars at 600mm centres. When installing to ceilings install resilient bars at 400mm centres.

Where abutting door openings, cut and install resilient bar noggins between horizontal bars to allow plasterboard to be fixed at the required centres.

RESILIENT BAR

Ref	Description	Length (Metres)		Qty/Pack
		2.4	3.0	
5100	Standard Resilient Bar 40 x 13.5 x 0.6mm	•	•	10
5102	Resilient Bar 45 x 17 x 0.5mm		•	10
5007	DIN Standard Resilient Bar 60 x 27 x 0.6mm		•	10
5009	DIN Standard Resilient Bar 60 x 27 x 0.9mm		•	10



RECOMMENDED FIXING



Flat Pan Head fixing 4.2mm x 35mm Dia best suited for fixing resilient bars and profiles through to timber joist.

The fixing compresses the profile or bracket to the joist without causing any ripping to the existing perforation.