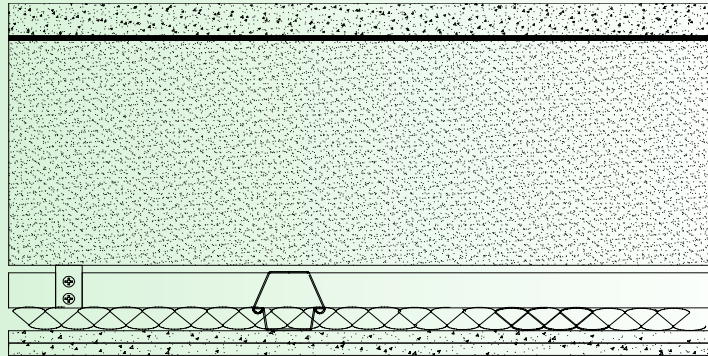




SEPARATING FLOOR



40mm Gyvlon levelling screed laid over Polyfoam Floorfoam 10

200mm insitu concrete slab of density 1800 kg/m³

Metal frame system containing 25mm Crown Acoustic Partition Roll with 12.5mm standard plasterboard (8 kg/m²) and 108mm void.

SITE	Unspecified Site
TEST ORGANISATION	Hepworth Acoustics Limited
REPORT / TEST No. / TEST DATE	05054-005 / A3 & I1 / 23rd February 2005
TEST METHOD	BS EN ISO 140-4 and 7: 1998
RESULTS	DnT,w + Ctr - 59 dB L'nT,w 49 dB

FLOOR CONSTRUCTION

- 40mm Gyvlon levelling screed applied over one layer of Polyfoam Floorfoam 10, butt jointed and taped.
- Junctions with walls formed with Polyfoam Floorfoam Easy Edge Strip. Joints taped.
- 200mm in situ concrete slab (density 1800 kg/m³)
- Metal frame ceiling system with 25mm Crown Acoustic Partition roll and 108mm void.
- One layer of 12.5mm standard plasterboard of 8 kg/m² mass.

The results show that this floor system, as tested in conjunction with the associated constructions detailed below, is able to achieve the sound insulation performance required in the Building Regulations 2000, Approved Document E, 2003 Edition.

If this floor system were to be used on another site with an equivalent construction and same build quality, similar results would be expected.

LAFARGE GYVLON FLOWING SCREED
ACOUSTIC TEST DATA SHEET - 17