

# TVS RESi-LAY TRIPLE

## TECHNICAL INFORMATION



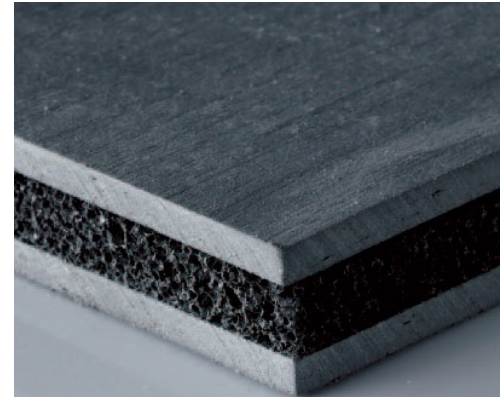
**TVS ACOUSTICS**  
NOISE & VIBRATION CONTROL

### Description

An acoustic flooring underlay which is used extensively by private households, property companies, housing associations, contractors and builders.

**TVS RESi-Lay Triple** is primarily designed for timber floors although it can also be used with concrete floor constructions. It offers additional airborne and impact sound insulation to RESi-Lay Double so is aimed at developments where superior noise control is necessary.

This high performance composite is a sandwich laminate of two layers of TVS RESi Barrier Matt, separated by a 6mm layer of TVS ABSorb foam.



### Physical Information

<b>Standard Sheet Size</b>	1200mm x 1000mm
<b>Standard thicknesses</b>	12mm
<b>Density</b>	16 kg/m <sup>2</sup>

### Technical Information

Timber Floor Airborne and Impact Sound Insulation Data

Airborne sound insulation (Rw(C;Ctr)) 49dB  
(Part E 43/45dB minimum)

Impact sound insulation (Ln,w (Ci)) 55dB  
(Part E 62/64dB maximum)

(figures derived from acoustic testing at an independent acoustic test laboratory on a build up as shown in Figure 1)

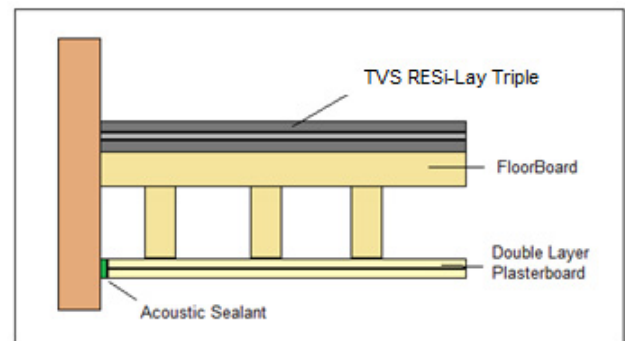


Figure 1

### Impact Sound Improvement on Concrete Floors

$\Delta L_w$  (impact improvement) 37dB

### Fire Regulations

TVS ABSorb Class O foam is a fully tested fire resistant foam that achieves the fire resistance requirements of British Building Regulations BS476: Part 6 & 7, satisfying the highest level Class 'O'.



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<b>Flammability (FMVSS 302)</b>	Self extinguishing
<b>ASTM 1692:1974</b>	Resists ignition
<b>Service temperature</b>	<80°C (continuous) <110°C (short periods)

TVS INSu barrier material is a high-density mineral loaded thermoplastic polymer. Black in colour, ecologically neutral and recyclable it conforms to the following:

<b>Flammability (FMVSS 302)</b>	Zero burn rate
<b>Service temperature</b>	<90°C (continuous) <120°C (short periods)

### Benefits

- Reduces Impact Sound
- Improves Airborne Performance
- Flexible, Easy to Cut, Simple to Install
- High Performance - Low Profile
- Suitable for use on both Timber and Concrete Floors

### Applications

- New Build
- Retrofit Constructions
- Residential Developments
- Hotels

### TVS RESI-LAY TRIPLE

Product Data Sheet PDS 1.1 TVS RESI-LAY TRIPLE

Revision: 1.1

Issued: 20/07/2017

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