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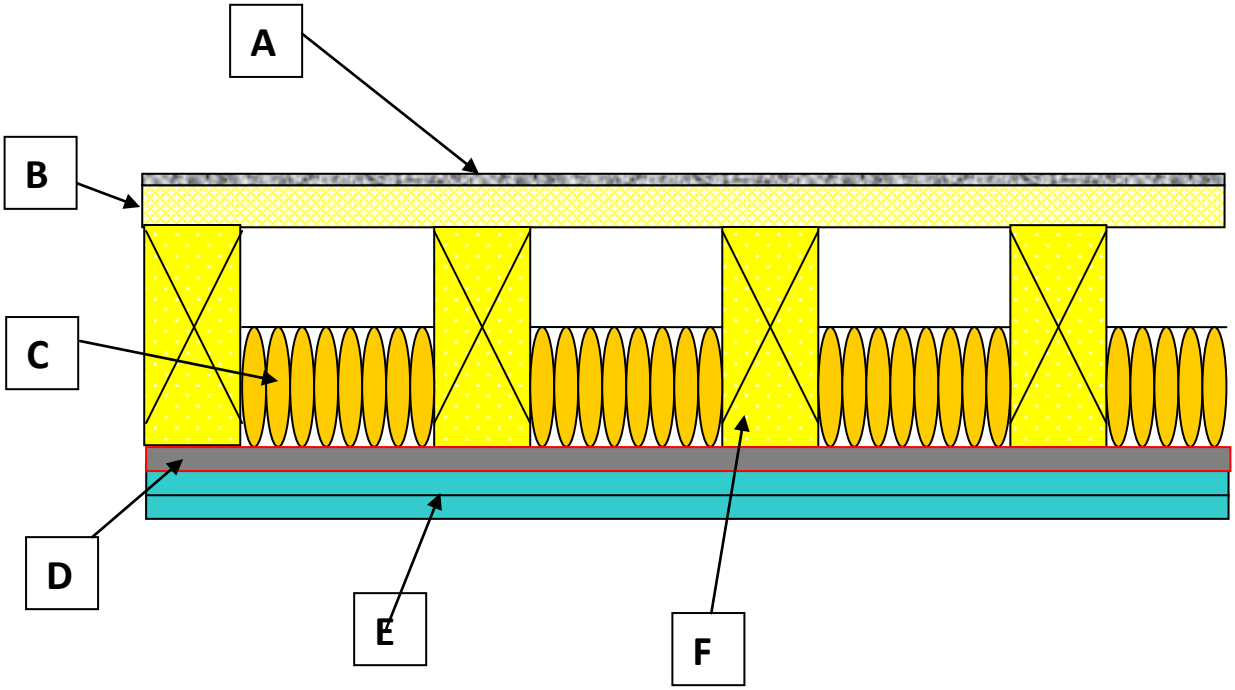
# BRC Isorubber TF 6mm System for Timber Floors using Resilient Bars




**A = BRC Isorubber TF 1.25m x 10m x 6mm**
**B = Typical T&G Chipboard or Plywood Deck or Floorboards.**
**C = 10kg/m³ 100mm Acoustic Insulation.**
**D = Resilient Bar Fixed @ 400mm Centres.**
**E = Two Layers of 15mm Thick Acoustic Plasterboard**
**F = Timber Joists 50mm x 235mm @ 450mm Centres.**

**TEST RESULTS**

| AIRBORNE | AVERAGE SITE | IMPACT |
|---|---|---|
| Rw(+Ctr) (dB) = 52 | TEST RESULTS | Lntw (dB) = 54 |
| | | |
| DOC E REQUIREMENTS | DOC E REQUIREMENTS | DOC E REQUIREMENTS |
| Dntw + Ctr (dB) = 45 (min) | PURPOSE BUILT | Lntw (dB) = 62 (max) |
| Dntw + Ctr (dB) = 43 (min) | CHANGE OF USE | Lntw (dB) = 64 (max) |

***A method of upgrading timber joist floors to achieve improvements in the airborne and impact requirements of Part E (Sound) and also meet the requirements of Part B (Fire) of The Building Regulations***