



Azelia Insulation Pty Ltd

Dandenong South, Vic. 3164

PH: (03) 9792 2524

FAX: (03) 9791 7730

Sole Insulation Manufacturer

Technical Data Sheet

Type	Insulfluf Cellulose Fibre Insulation Loose fill insulation maximum 83% wood pulp Minimum 17% boric acid and borax as fire retardants
Quality Control	Manufactured to AS/NZS 4859.1 Pas Mark certification ID 7244 Regular inspections and audits by CSI Certification Australia
R Value	Guaranteed to achieve minimum of R2.6 @ 100mm R values increase with depth installed eg: R5.2 = 200mm
Density	Density 35.5kg/m ³ per Technisearch Cert 9664
Early Fire Hazard Properties	Tested to AS 1530.3:1999 CSIRO Report No: FNE8344 Spread of flame index - 0 Smoke developed index - 2
Application Method	Normal method is pneumatic installation, entry through the roof or manhole. Appropriate boxing around vents, fans, flues, built in wardrobe wells with foil or plastic Average 150m ² home insulated in one hour.
Safety	Safe for humans, no respirable, durable fibres (eg: Asbestos, Glasswool or Rockwool) Suppresses spread of flame in event of house fire
Benefits to End User	Very effective R value depth installed EXCELLENT Cost effective compared to man made mineral fibres. Helping the recycling effort...wood pulp content is via waste paper. Pay back time on investment is two to three years on energy savings.
Acoustic Qualities	STC (Sound transmission Coefficient) = 34 Calculated from 1/3 octave frequencies of 100 to 3.15kHz. Against a panel of 90mm thickness cellulose fibre insulation. Curtin University