GreenStuf®
Polyester Insulation

Deemed to Satisfy Provision; Australian Group Number according to NCC Specification C1.10 using AS ISO 9705:2003 for Surface Finishes

The National Construction Code (NCC) and Building Code of Australia (BCA) Specification C1.10 Fire Hazard Properties establishes the Deemed to Satisfy provisions of surface linings, materials and assemblies in Class 2 to 9 buildings. This covers most buildings including multi-unit residential, hotels, healthcare facilities, educational buildings, retail, office buildings, warehouse and factories etc.

Fire test standard ASO ISO 9705:2003 is used to determine how a surface material will perform in the event of a fire. The 20 minute full-scale room corner test replicates an actual fire. The materials performance is then allocated a result as a Group Number, and Smoke Growth Rate.

The Group Number is a numeric representation of the performance achieved during the test and is used as a standardised benchmark for the assessment of surface finish performance. The Group Number 1-4 (least to most combustible) provides a hierarchy for the risk of the spread of flame across the surface finish based on the measured 'time to flashover' in the test.

GreenStuf® polyester insulation has been tested to AS ISO 9705:2003 and confirmed fully compliant as a surface material for all areas (sprinklered and unsprinklered) of all Class 2 to 9 buildings.

PRODUCT GROUP	TEST REF	GROUP NUMBER	SMOKE GROWTH RATE	NZBC CLASSIFICATION
GreenStuf®	BRANZ FAR 4045	Group 1	Less than 100m²/s	**Group 1**

Compliance covers all standard GreenStuf® products and custom products up to a surface density of 4,800gsm

Wall & Ceiling Lining Materials (Material Groups Permitted)

CLASS OF BUILDING	FIRE-ISOLATED EXITS WALL/CEILING	PUBLIC CORRIDORS		SPECIFIC AREAS		OTHER AREAS WALL/CEILING
		WALL	CEILING	WALL	CEILING	
Class 2 or 3, Excluding accommodation for the aged, people with disabilities, and children						
Unsprinklered	1	1,2	1,2	1,2,3	1,2,3	1,2,3
Sprinklered	1	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3
Class 3 or 9a, Accommodation for the aged, people with disabilities, children and health-care buildings						
Unsprinklered	1	1	1	1,2	1,2	1,2,3
Sprinklered	1	1,2	1,2	1,2,3	1,2,3	1,2,3
Class 5,6,7,8 or 9b schools						
Unsprinklered	1	1,2	1,2	1,2,3	1,2	1,2,3
Sprinklered	1	1,2,3	1,2,3	1,2,3	1,2,3	1,2,3
Class 9b other than schools						
Unsprinklered	1	1	1	1,2	1,2	1,2,3
Sprinklered	1	1,2	1,2	1,2,3	1,2,3	1,2,3
Class 9c						
Sprinklered	1	1,2	1,2	1,2,3	1,2,3	1,2,3

For the purpose of this table:
1. "Sprinklered" mans a building fitted with a sprinkler system complying with Specification E1.5.
2. "Specific areas" means within:
     (a) for Class 2 and 3 buildings, a sole-occupancy unit.
     (b) for Class 5 buildings, open plan offices with a minimum floor dimension/floor to ceiling height ration >5.
     (c) for Class 6 buildings, shops or other building with a minimum floor dimension/floor to ceiling height ratio >5.
     (d) for Class 9a health-care buildings, patient care areas.
     (e) for Class 9b theatres and halls, etc. an auditorium.
     (f) for Class 9b schools, a classroom
     (g) for Class 9c aged care buildings, resident use areas.

Note: Materials lining buildings not fitted with a specification E1.5 compliant sprinkler system must:
     i) Achieve a smoke growth rate of less than 100 or
     ii) Achieve an average extinction area less than 250m²/kg
All Autex Group 1 products have a smoke growth rate of less than 100 and can be installed in unsprinklered buildings.

For more information please refer to the Building Code of Australia
or contact your local Autex Account Manager on freephone 1800 678 160

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