

Product Information

Enduro Protect, EN36-90

Physical Properties*

DENSITY	35.0 to 37.5 kg/m ³	I.F.D. HARDNESS RANGE (NEWTONS)
TEAR RESISTANCE	150N/m Minimum	IF 40% Minimum 80 N
TENSILE STRENGTH	60kPa Minimum	IF 40% Maximum 120 N
ELONGATION	90% Minimum	IF 25% RECOVERY 75% Minimum
RESILIENCE	50% Minimum	INDENTATION
COMPRESSION SET (75%)	8% Maximum	(SAG) FACTOR 2.4 Minimum

* When tested internally in accordance with the test methods listed in Australian Standard AS2282.0

Available Colours

Light Green

Tested to the following Flammability Standards**

Standard	Description	Result
AS1530/Pt.3	Determination of ignitability, flame spread, Heat evolved and smoke developed.	18/0/0/5
BS5852/Source 5-Mod.	Methods of test for assessment of the ignitability of upholstered seating by smouldering and flaming ignition sources, Source 5.	NI,5 - PASS
CAL 117, Sec.3	Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture	MEETS
F.A.R. 25.853/App.F/Part I	Federal Aviation Regulations - Airworthiness Standards: Transport Category Airplanes – Vertical Burn test.	MEETS
AS/NZS 3744.3	Assessment of the ignitability of upholstered furniture - Ignition source - Match-flame equivalent (Source 2)	NI - PASS

** These test results alone do not assess the fire hazard of the material or the product made from this material under actual fire conditions.

Grade Description

Premium quality, flame retarded, soft cushioning foam. Incorporating Ultra-Fresh™ for antimicrobial protection.

Typical Applications

Seat/back cushioning, mattress overlay. Not recommended for stretching and stapling.

Information current as at Nov 2016

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