

Product Information

Enduro Protect, EN36-100

Physical Properties*

DENSITY	35.0 to 37.5 kg/m ³	I.F.D. HARDNESS RANGE (NEWTONS)
TEAR RESISTANCE	160N/m Minimum	IF 40% Minimum 120N
TENSILE STRENGTH	65kPa Minimum	IF 40% Maximum 140N
ELONGATION	140% Minimum	IF25% RECOVERY 75% Minimum
RESILIENCE	55% 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

Deep Green

Tested to the following Flammability Standards**

Standard	Description	Result
AS1530/Pt.3	Determination of ignitability, flame spread, Heat evolved and smoke developed.	18/0/0/4
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 Oct 2018

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