



VYLAY-S

Synthetic Roofing Underlayment

DESCRIPTION

VYLAY-S is a high-performance synthetic roofing underlayment designed to provide reliable secondary water protection beneath various roofing systems.

It is manufactured using a reinforced woven polymer core laminated with advanced functional coatings, offering superior strength, dimensional stability, and durability compared to traditional bitumen felt.

This product is available in a self-adhesive version(VYLAY-S SA) for installation.

BENEFITS

- High tensile strength and tear resistance
- Lightweight and easy to install
- Excellent dimensional stability (no wrinkling)
- Water-resistant and breathable balance
- UV stabilized for temporary exposure
- Compatible with multiple roofing systems

APPLICATIONS

- Pitched roof underlayment
- Asphalt shingles systems
- Metal roofing systems
- Tile and slate roofing
- Timber / wood shake roofing
- Temporary weather protection layer

INSTALLATION

- Install over clean, dry, and structurally sound roof deck
- Lay horizontally from eaves upward (shingle fashion)
- Side laps: ≥ 100 mm; End laps: ≥ 150 mm
- Fix using nails or screws with plates/caps
- Increase fastening density in high-wind zones
- Must be covered by primary roofing system

STORAGE & SHELF LIFE

- Store in dry, ventilated area
- Avoid exposure to direct sunlight and moisture during storage.
- Recommended storage temperature: 5°C – 30°C
- Shelf life: 24 months under proper storage conditions



DIMENSIONS & PACKAGING

Parameter	Value
Weight	100g/m2
Length	76.2m
Width	1.22m
Top surface	Non-woven polypropylene film
Middle layer	Woven polypropylene film
Bottom surface	Polypropylene coating
Colour, top/bottom	Grey/Black

TECHNICAL DATA

Property	Value	Test Method
Tensile strength, MD/CD (lbf)	$\geq 100/100$	ASTM D5035
Elongation at break, MD/CD (%)	$\geq 16/16$	ASTM D5035
Tear strength, MD/CD (lbf)	$\geq 20/20$	ASTM D4533
Heat Shrinkage, MD/CD (%)	$\leq 1/1$	80°C, 0.5h
UV Retention	ASTM G 154	180 Days

