

# Underlayments

## Grace Ice & Water Shield - High Temperature



### FEATURES:

- Self-Adhering without Heat or Special Adhesives
- High Temperature Resistance: 260°F (127°C)
- Seals around fasteners
- UV Resistant film provides a 120-day exposure time
- Superior deck adhesion and lap strength
- Slip-resistant walking surface
- Acts as a vapour barrier
- Ideal for use under metal roofing



## Grace Ultra

### FEATURES:

- Self-Adhering without Heat or Special Adhesives
- High Temperature Resistance: 300°F (149°C)
- Seals around fasteners
- Offers premium adhesion
- Your best choice for use with Copper, Cor-Ten™ and Zinc
- Acts as a vapour barrier
- Slip-resistant surface



# Underlayments

## Grace Tri-Flex®



### FEATURES:

- Lighter and covers a larger area and 10 times lighter than 30 lb felt
- 20 times stronger than felt
- High strength woven synthetic, mechanically attached
- UV Resistant film provides a 6 month exposure time
- Faster and easier installation
- Suitable for use under all major roofing coverings
- Slip-resistant, even under wet conditions
- 25 Year Warranty

Comparison Chart:	Grace Ice & Water Shield® HT	Grace Ultra	Grace TRI-FLEX®
Roll Length	75 ft. (22.9 m)	70 ft. (21.3 m)	250 ft. (76.2 m)
Roll Width	36" (914 mm)	34" (864 mm)	48" (1.05 m)
Roll Size	225 ft <sup>2</sup> (20.9 m <sup>2</sup> )	198 ft <sup>2</sup> (18.4 m <sup>2</sup> )	1000 ft <sup>2</sup> (92.9 m <sup>2</sup> )
Roll Weight	61.4 lbs (27.9 kg)	42 lbs (19.0 kg)	28 lbs (12.7 kg)
Thickness, membrane	40 mil (1.02 mm)	30 mil (0.76 mm)	7 mil (0.18 mm)
Colour	Grey-Black	Grey-Black	Black
Tensile strength, membrane	250 psi (1720 kN/m <sup>2</sup> )	250 psi (1720 kN/m <sup>2</sup> )	MD 96 lb, CD 116 lb
Permeance (max)	0.05 Perms (2.9 ng/m <sup>2</sup> s Pa)	0.05 Perms (2.9 ng/m <sup>2</sup> s Pa)	—
Elongation, membrane	250%	250%	—
Low Temp. Flexibility	Unaffected @ -20°F (-29°C)	Unaffected @ -20°F (-29°C)	—
Adhesion to Plywood	3.0 lbs/in width (525 N/m)	3.0 lbs/in width (525 N/m)	N/A

