



## **TN SHED FELT P**

### **Polyester Based Roofing Felt for Non-Habitable Buildings**

#### **Introduction & Product Description**

**TN SHED FELT P** is a traditional bitumen roofing felt with a polyester base and a fine mineral finish. It is typically used on non-habitable buildings with a roof pitch of 20 degrees or above, such as garden sheds, kennels and hutches. The standard **TN SHED FELT P** product offers a low temperature flexibility of  $-5^{\circ}\text{C}$  whilst **TN SHED FELT P EXTRA** offers flexibility at temperatures as low as  $-10^{\circ}\text{C}$ .

#### **Product Features**

- Higher performance shed felt solution
- Quick and easy installation
- Ideal for all types of non-habitable garden buildings
- Attractive, fine mineral coloured finish
- Lasts up to 10 years

#### **Preparation**

Rolls of **TN SHED FELT P** should be handled with care to avoid damage. Application must always follow good, safe working practice and, prior to installation, the work area should be assessed to ensure that all works can be undertaken in a safe manner. Installation of **TN SHED FELT P** should ideally be carried out at temperatures over  $10^{\circ}\text{C}$  and must not be undertaken in wet or very cold weather.

Before commencement of the roofing works, the installer should ensure that the surfaces to receive **TN SHED FELT P** are sound, clean and dry.

Any old roofing felt should be removed from existing roofs, with the roof structure checked for adequacy and strength prior to new work being undertaken. Any protruding nails should be removed, or hammered home where possible.

Unroll the **TN SHED FELT P** onto a clean, flat surface at least 30 minutes prior to installation as this assists with the final installation. It is not recommended to use lawn surfaces as the preparation area, as temporary yellowing of the grass can occur.

#### **Application**

Place the first strip of **TN SHED FELT P** at the lowest part of the roof, so that it overhangs the eaves by 50mm, and over the gable edges of the roof by 50mm. Fix in position by nailing the top edge of the felt with galvanised clout nails at 500mm centres. Slowly and carefully fold overhangs over the edges of the roof, and nail at 50mm intervals. Corners should be folded and nailed to create a neat finish. Each subsequent sheet should be placed to achieve a 75mm overlap with the previous sheet and 50mm overhangs to gable edges. Fixing the upper edge and overhanging edges of each progressive sheet as before. Use a suitable roofing felt adhesive to bond the area of the overlapping sheets. Firmly press the surfaces together, and finish the joint by nailing at 50mm intervals.

To finish the roof ridge, cut a capping strip 300mm wide. Fix to the ridge using a suitable roofing felt adhesive, and dress down the slope creating 150mm overlaps with the previous sheets on each slope. Nail the lower edges at 50mm intervals to each slope. Complete by fixing timber strips to the gable ends.

#### **Harmonised Standard**

EN 13707:2004 + A2:2009

## Storage

Store rolls on end on a firm, clean base in a cool, dry place and protect from direct sunlight.

## Availability

Product Name	Colour*	Product Code	Roll Dimensions (m)	Weight (kg/m <sup>2</sup> )
TN SHED FELT P 1.8	Green	TN659962	10 x 1	1.8 (± 0.20)
TN SHED FELT P 2.0	Green	TN659963	10 x 1	2.0 (± 0.20)
TN SHED FELT P EXTRA 1.8	Green	TN659958	10 x 1	1.8 (± 0.20)
TN SHED FELT P EXTRA 2.0	Green	TN659959	10 x 1	2.0 (± 0.20)

\*Red and Grey fine mineral finishes may also be available, subject to minimum orders – please consult TECHNINCOL for further information.

## Performance and Key Properties

		Performance	
Essential characteristics	Test method	SHED FELT P	SHED FELT P EXTRA
Length, m	EN 1848-1	≥ 10.0	≥ 10.0
Width, m	EN 1848-1	≥ 1.0	≥ 1.0
Straightness	EN 1848-1	≤ 20mm/10m	≤ 20mm/10m
Weight of square meter, kg	EN 1849-1	See table above	
External fire performance	EN 13501-5	Froof (t1)	Froof (t1)
Reaction to fire	EN 13501-1:2002	Class F	Class F
Flexibility at low temperature, °C	EN 1109	≤ -5	≤ -10
Resistance to tearing (nail shank): L/T, N/50mm	EN 12310-1	NPD	NPD
Watertightness	EN 1928 method A	10 kPa/24h	10 kPa/24h
Resistance to static loading, kg	EN 12730:2001 method A	NPD	NPD
Resistance to impact, mm	EN 12691	NPD	NPD
Resistance to root penetration	EN 13948	NPD	NPD
Tensile properties: minimum tensile force L/T, N/50mm	EN 12311-1	≥ 350 / ≥ 200	≥ 350 / ≥ 200
Tensile properties: elongation L/T, %	EN 12311-1	≥ 24 / ≥ 25	≥ 24 / ≥ 25
Flow resistance at elevated temperature, °C	EN 1110	≥ +85	≥ +85
Adhesion of granules, %	EN 12039	15 ± 15	15 ± 15
Water vapour transmission properties	EN 1931	μ=20 000	μ=20 000
Dangerous substances	Does not contain dangerous substances		
Artificial ageing	EN 1296 12		12 weeks at +70°C
Flexibility at low temperature, °C	EN 1109	0 ± 5	-5 ± 5
Flow resistance at elevated temperature, °C	EN 1110	NPD	NPD

## Quality Assurance

TN SHED FELT P is manufactured following ISO 9001: 2008 Quality Management System and Environmental Management System approved to ISO 14001: 2004.

## Technical Service and Other Products

Specialist advice and information on other compatible products can be found at [www.nordroofs.ie](http://www.nordroofs.ie)