

# NOVIA®



## A1F Datasheet

### NOVIA BS 1521 Grade A1F Building Paper

This is a traditional, reinforced kraft paper bitumen-bonded, building paper laminate.

Manufactured with wet-strength kraft paper and meeting the technical requirements of BS 1521 for water-proof building papers, the product utilises polymer reinforcing scrim.

Typical uses: Vapour-checks, Underlays on uninsulated cladding, Temporary Protection, Separation Layers, Bond Breaks, Draught and Damp exclusion and Air Movement barriers.

**Sizes available:** 1000 mm x 25m, 1000 mm x 50 m (from stock)  
*Other sizes available (subject to MOQ)*

#### Typical performance data:

Moisture vapour resistance	53 MNs/g
Tensile strength BS 4415 (Dry)	12.4 kN/m (M/D), 7.20 kN/m (C/D)
Bursting strength BS 3137 (Dry)	550 kN/m <sup>2</sup>
Liquid water resistance minimum	24 hours
Upper temperature stability	Over 70 Celsius
Chemical resistance	Resistant to chemicals found in plaster and cement
Biological	Does not attract insects or vermin

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DS0215\_A1FBuild

# NOVIA®



## Polybit Datasheet

### BS 1521 Grade Polybit Building Paper

This is a traditional, polythene coated, reinforced kraft paper bitumen-bonded, building paper laminate.

Manufactured with wet-strength kraft paper and meeting the technical requirements of BS 1521, Class A1F, for water-proof building papers, the product utilises polymer reinforcing scrim.

Typically used where conditions require a material with additional strength and durability.

Typical uses: Moisture barrier, Underlays on uninsulated cladding, Temporary Protection, Separation Layers, Bond Breaks, Draught and Damp exclusion barriers.

Sizes available: 1000 mm x 25m

*Other sizes are available (subject to MOQ)*

#### Typical performance data:

Moisture vapour resistance	Min of 53 MNs/g
Tensile strength BS 4415 (Dry)	Min of 12.4 kN/m (M/D), 7.20 kN/m (C/D)
Bursting strength BS 3137 (Dry)	Min of 550 kN/m <sup>2</sup>
Liquid water resistance minimum	24 hours
Upper temperature stability	Over 70 Celsius
Chemical resistance	Resistant to chemicals found in plaster and cement
Biological	Does not attract insects or vermin

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## **B1F Datasheet**

### **BS 1521 Grade B1F Building Paper**

This is a traditional, reinforced kraft paper bitumen-bonded, building paper laminate.

Novia B1F meets the technical requirements of BS 1521 (Class B with reinforcement) for water-proof building papers, utilising polymer reinforcing scrim to increase strength and general product performance.

Typical examples of product use: Separation layers for insulated screeds, bond breaks, temporary protection and garden buildings.

**Size available:** 1250 mm x 50 m.

#### **Typical performance data:**

Moisture Vapour Resistance	41MNs/g
Bursting Strength BS3137 (Wet)	210kN/m <sup>2</sup>
Liquid Water Resistance Minimum	3 hours
Upper Temperature Stability	Over 70 Celsius
Chemical Resistance	Resistant to chemicals found in plaster and cement
Biological	Does not attract insects or vermin

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## B2 Datasheet

### BS 1521 Grade B2 Building Paper

This material is a traditional, non-reinforced PE coated wet-strength kraft waterproof building paper. Novia B2 meets the technical requirements of BS 1521 (Class B without reinforcement) for water-proof building papers.

Typically it is used for such varied applications as general temporary protection, concrete shuttering, floor screed break layers and as an external cladding render backing in timber frames. It is an excellent low-cost material with good grease and solvent resistance. Novia B2 is not suitable for permanent installations where it is required to perform any task on an ongoing basis. For these applications choose either Novia A1F or Novia Polybit building paper.

**Size available:** 1000 mm x 100 m.

### Typical performance data:

Basis weight	85 gsm
Bursting Strength BS 3137 (Wet)	140 kN/m <sup>2</sup> to BS 1521 appendix B
Liquid Water Resistance Minimum	3 hours to BS 1521 appendix C
Upper Temperature Stability	Over 70 Celsius
Chemical Resistance	Resistant to chemicals found in plaster and cement
Biological	Does not attract insects or vermin

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