BARNIER ® VK20

Vapour barrier film

DESCRIPTION

Scapa Vapour Kontrol 20 is an SD 20 (Diffusion-equivalent air-layer thickness equivalent to 20M) airtight, highly diffusive and very sturdy vapour barrier for roof extensions in accordance with the latest EnEV guidelines. Vapour Kontrol 20 is used in constructions where a permeable vapour barrier is required and can be utilised in new build and renovated roofs. VK20 is certified EN13984.

APPLICATIONS

- The VK20 is an airtight vapor barrier, allowing excellent diffusion opening and very robust
- VK20: Compliance with standard NFP 21-204 (DTU31.2) for timber frame houses (floor, wall and ceiling installation)
- Used in constructions where a diffusion-open steam brake is required, in new construction and renovation
- Permits the creation of an airtight building envelope and as a result, prevents draughts occurring in a house.
- 3 months resistance to UV and exposure to bad weather for easy insulation from the exterior.

PRODUCT BENEFITS

- The hydro-regulating properties promote the retrosechage of the insulated framework in summer and protect against the formation of condensation in winter
- Promotes energy efficiency and prevents uncontrolled heat losses
- Strong and tear-resistant thanks to the reinforcement ply
- VK20: waterproof test according to DIN EN 1928 (Method A)
- The printed grid facilitates the installation

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Density	85g/m² (+/-5%)	m²	EN 1849-2
Diffusion-equivalent air-layer thickness	20	M	EN 1931
Maximum tensile strength (stretching) diagonally	≥85 N/50mm	-	EN 12311-11
Maximum tensile strength (stretching) diagonally	≥55 N/50mm	-	EN 12311-11
Reaction to fire, freely suspended	E	-	EN 13501-1
Resistance to cross-ways tearing	≥50	N	EN 12311-2
Resistance to lengthways tearing	≥50	N	EN 12311-2
Temperature Range	-20°C /+80°C	-	-
Waterproofing	Conforme	-	EN 1928

Note:

****This will be taken from the core product for the SAP Material Group****

STANDARD PRESENTATIONS

- Roll Length: 50m
- Roll Width: 1500 mm

RECOMMENDATIONS

Scapa Vapour Kontrol 20 vapour barrier films must be stored in their original packaging, protected from dust, heat, direct sunlight and humidity. Storage temperature must be kept between 10°C and 25°C. A maximum use by date of strictly 24 months fromScapa Vapour Kontrol 20 vapour barrier films must be stored in their original packaging, protected from dust, heat, direct sunlight and humidity. Storage temperature must be kept between 10°C and 25°C. A maximum use by date of strictly 24 months from the date of manufacture is recommended. The product must not be allowed to freeze and must be protected from the effects of sunlight

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.