

CODE: STCBE 021

REVISION: 01

DATE: JULY 2008

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# Technical Commercial Data Sheet

## BITULAN C—R



### Description

The **BITULAN C** products consist in paper felt, impregnated to complete saturation with distilled bitumen.

The **BITULAN R** products consist in paper felt, impregnated to complete saturation with distilled bitumen and subsequently surfaced on both sides with oxidised bitumen. The anti-adherent finishing is realised on both faces with finely granulated mineral material.



### Recommended Use

The BITULAN products can be employed either as separation layers (between membrane and heavy protection) or as under tiles layers.

### Dimensional Characteristics

Length	20 m - 1% (UNI EN 1848-1)	Tol. ≥
Width	1 m - 1% (UNI EN 1848-1)	Tol. ≥

### Packaging

TYPE	REINFORCEMENT	WEIGHT/m <sup>2</sup>	m <sup>2</sup> PER PALLET
BITULAN C	Paperfelt	0,3 kg	1440
BITULAN C	Paperfelt	0,5 kg	1120
BITULAN R	Paperfelt	1 kg	600
BITULAN R	Paperfelt	1,2 kg	600
BITULAN R	Paperfelt	1,5 kg	500

### Storage

It is advisable to keep the rolls in warehouse, not exposed to the sun rays and at a temperature not below +5°C. Keep the rolls in the upright position. Avoid if possible to stack pallets. It is advisable to use the product within 2/3 months from delivery.



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### Performances

Test	Standard Reference	BITULAN C	BITULAN R	Tolerances
Straightness	UNI EN 1848-1	10 mm / 10 m	10 mm / 10 m	≤
Resistance to water penetration	EN 1928 (A method)	Class W2	Class W1	-
Vapour transmission properties	EN 12572	NPD	NPD	-
Cold flexibility	UNI EN 1109	0°C	0°C	≤
Fire reaction	EN 13501-1	Class F	Class F	-
Tensile strength at breaking L/T	UNI EN 12311-1	200 N/5 cm 100 N/5 cm	280 N/5 cm 150 N/5 cm	- 20%
Tear resistance (B method) L/T	UNI EN 12310-1	15 N - 15 N	30 N - 30 N	-30%
Elongation at breaking L/T	UNI EN 12311-1	2% 2%	2% 2%	-1 a.v.
<ul style="list-style-type: none"> <li>Resistance to water penetration</li> <li>Tensile properties after artificial ageing</li> </ul>	App. C EN 13859-1	NPD	-	-
Resistance to air penetration	EN 12114	NPD	NPD	-
Use	EN 13859-1	Under tiles	Under tiles	-

**The Saint-Gobain Isover Italia S.p.A. quality system is certified according to EN ISO 9001: 2000**

*Our products foresee proper application and storage modalities.*

*The CE marking of this product is in accordance with the European directive 89/106/CE approved by DPR 246 dated 21/4/1993 and is in agreement to the reference technical standards EN 13970 and EN 13859-1 and is supported by the test report no. Ta 51120/06 issued on 23.11.06 by the TUM Centre for Building Materials Baumbachstraße, notified Test Laboratory no. 1211.*

*Saint Gobain Isover Italia has the right to change the technical data of this data sheet any time with no need of notice.*

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