

# BONUS | ULTRABOND

Full protection in one layer



Bonus Ultrabond is a high-performance waterproofing product used in terrace and roof insulation with its special content containing elastomeric bitumen (SBS) and supported by TPU. High-performance Bonus Ultrabond, which provides full adhesion to old and new concrete by heating thanks to its special formula, is available in 4.5 mm thickness. It is applied in a single layer.

**TS EN 13707:** Flexible sheets for waterproofing - Reinforced bitumen sheets for roof waterproofing.

**TS EN 13969:** Flexible sheets for waterproofing - Bitumen damp proof sheets including bitumen basement tanking sheets.

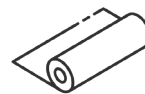
## ADVANTAGES OF BONUS ULTRABOND

- ✚ 4,5 mm thickness.
- ✚ It is used in new or renewed terraces, parking lots, walkable and un-walkable terraces waterproofing applications.
- ✚ It is a bituminous product with elastomeric (SBS) additives.
- ✚ It is extra durable and resistant with its special content supported by TPU.
- ✚ Non-woven polyester felt carrier.
- ✚ It provides perfect sealing with its high adhesion performance.
- ✚ Cold bending -20°C provides full protection with its flexibility and durability.
- ✚ It saves costs and time with single-layer application.
- ✚ Fast application process.
- ✚ It can be applied in four seasons.
- ✚ It is resistant to tears and punctures.

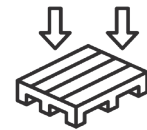
## STORAGE

- ✚ Do not stack pallets of the rolls on top of each other.
- ✚ The product must be stored in an upright position.
- ✚ During winter, the membranes should be stored at room temperature before being used.
- ✚ The product must be protected from sunlight.
- ✚ Disposal of the product packaging should at all times comply with the requirements of waste disposal legislation and regulation.

## PACKAGING



Roll: 8 m<sup>2</sup>



Pallet: 200 m<sup>2</sup>

## TECHNICAL SPECIFICATIONS

Specifications	Test Method	Unit	Tolerance	Value or Statement
Length	TS EN 1848-1	m	min(-0,03)	8
Width	TS EN 1848-1	m	min(-0,02)	1
Thickness	TS EN 1849-1	mm	± 0,2	4,5
Straightness	TS EN 1848-1	-	-	Pass
Dimensional Stability	TS EN 1107-1	%	± 0,1	0,6
Visible Defects	TS EN 1850-1	-	-	None
Watertightness	TS EN 1928 (Method A 10kPa)	-	-	Pass
	TS EN 1928 (Method B 60kPa)	-	-	Pass
Reaction to Fire	TS EN 13501-1	-	-	Broof(t2)
External Fire Performance	TS EN 13501-1	-	-	NPD
Flexibility at Low Temperature	TS EN 1109	0 <sub>c</sub>	min	-20
Flow Resistance at Elevated Temperature	TS EN 1110	0 <sub>c</sub>	min	100
Tensile Strength (MD)	TS EN 12311-1	N/50mm	± % 20	1000
Tensile Strength (CD)	TS EN 12311-1	N/50mm	± % 20	800
Elongation at Break (MD)	TS EN 12311-1	%	± % 10	40
Elongation at Break (CD)	TS EN 12311-1	%	± % 10	40
Resistance to Tearing	TS EN 12310-1	N	± % 30	300
Resistance to Impact	TS EN 12691 (Method A)	mm	min	1500
Resistance to Static Loading	TS EN 12730 (Method B)	kg	min	20
Joint Strength	TS EN 12317-1	N/50mm	± % 30	1000
Water Vapour Permeability	TS EN 1931	-	min	20000
Plant root resistance	pr EN 13948	-	-	NPD
Artificial Ageing Behaviour	TS EN 1296 / TS EN 1928 (Method B 60kPa)	-	-	Pass
Chemical Resistance	TS EN 1847 / TS EN 1928 (Method B 60kPa)	-	-	Pass
Dangerous Substances	-	-	-	None
Resistance to Horizontal Water Movements	ASTM D5385	m (psi)	≥	69 (100)
Hydrostatic Pressure	ASTM D5385	m (psi)	≥	69 (100)
Bond Strength	TS EN 13596	Mpa	≥	0,4