

YEP 2200

Polyester Based Preparation Layer for Built-Up Roofing Systems



Introduction

YEP 2200 (Formerly BS 747:2000 **Type 5**) is a polyester based underlay, saturated and coated with SBS modified bitumen. The membrane is finished with fine grained sand on both sides to enable free laying of material and to prevent the roll from sticking together.

Product Description

YEP 2200 is a polyester reinforced waterproofing membrane designed for use as an underlay in high performance built-up roofing systems to suit the requirements of both new build and remedial applications.

Product Features

- Excellent quality polyester reinforcement
- Incorporates SBS modified bitumen
- Flexibility at -15°C
- High durability in built up roofing systems
- High fatigue resistance

Application

YEP 2200 should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice, including BS 8217: 2005 – the code of practice for reinforced bitumen membranes for roofing.

YEP 2200 is applied by traditional pour and roll methods or by mechanical fixing onto previously prepared surface. Substrates must be clear of any debris or sharp projections, and primers should be used as necessary to prepare the surface for achieving most effective waterproofing longevity (please consult TECHNOMICOL Technical Services for details). The membrane should be rolled out behind poured hot or cold adhesive and spread to achieve continuous coating for the full width. Side laps must be minimum 7.5 cm with end laps at minimum of 10 cm. The subsequent cap sheet layer should be offset 30 cm from the underlay to avoid build up of overlaps.

Chemical Resistance

YEP 2200 is water-resistant and is resistant to watery solutions of salt, diluted non-oxidising acids and bases. Aliphatic and aromatic hydrocarbons, as well as chlorine hydrocarbons, oils and greases may loosen the product and should therefore be avoided.

Harmonised Standard

EN 13707 + A2:2009

Storage

Store in a cool, dry place and protect from direct sunlight.

Health and Safety

Health and Safety should be observed at all times in accordance with HSE and industry guidance. Specific Risk Assessments and Method Statements should be produced by contractors where necessary to ensure Working at Heights, Fire Safety and Manual Handling rules are compliant with current law and regulations. Health and safety data sheets are available for all materials on request from TECHNOMICOL Technical Service Department.

Availability

Product Name	Product Code	Roll Dimensions (m)	Weight (kg/m ²)
YEP 2200	TN481915	20 x 1	2.0 ± 0.11

Performance and Key Properties

Properties	Test Method		Declared Performance
Length	-	m	≥ 20.0
Width	-	m	≥ 1.00
Reinforcement type and weight			Polyester, 160 g/m ²
Tensile properties: maximum tensile force	EN 12311-1	N/50mm	500/500 (± 100)
Tensile properties: elongation	EN 12311-1	%	50/50 (± 25)
Resistance to tearing (nail)	EN 12310-1	N	90/90 (± 10)
Flow resistance at elevated temperatures	EN 1110	° C	≥ + 85
Flexibility at low temperatures	DIN EN 1109	° C	≤ -15
Watertightness	EN 1928	kPa	60
Water vapour transmission properties	EN 1931	-	μ=20 000
Reaction to fire	EN 13501-5 ENV 1187:2002, test 2*	-	Broof (t2)*

*This material is part of a two-layer roofing system and corresponds to the Broof only in combination with a second layer of roofing system.

Quality Assurance

YEP 2200 is manufactured following ISO 9001: 2008 Quality Management System and Environmental Management System approved to ISO 14001: 2004.