

MasterSeal® 957

Superior needle punched, non-woven, polypropylene geotextile

DESCRIPTION

MasterSeal 957 is a needle punched, non-woven, polypropylene geotextile for use as a cushion layer with PVC / TPO sub-grade waterproofing systems.

COMPOSITION

100% polypropylene non-woven geotextile.

USES

- Roads
- Railways
- Foundations & retaining walls
- Drainage systems
- Erosion control systems
- Reservoirs & dams
- Canals
- Tunnels and underground structures
- Solids waste
- Liquid waste

TYPICAL APPLICATIONS

- Cushion and separation layer between shoring/blinding and PVC / TPO membrane waterproofing.
- Slip layer ensuring reduced friction between concrete and PVC / TPO membranes.

ADVANTAGES

- Provides protection to PVC / TPO membranes.
- Allows PVC / TPO membranes to move independently from the structure.
- Good tensile and elongation properties.

PACKAGING & ROLL SIZES

MasterSeal 957 supplied in 6x50m rolls.

PROPERTIES

Mechanical properties	Test method	Value
Tensile strength MD/XD	EN ISO 10319	27kN/m
Elongation MD	EN ISO 10319	50%
	EN ISO 10319	55%
CBR puncture resistance	EN ISO 12236	4.6kN/m
Dynamic cone drop	EN ISO 13433	10mm
Pyramid puncture	EN ISO 14574	0.44kN/m
Hydraulic properties		
Permeability	EN ISO 11058	55x10 ⁻³ m/s
Waterflow normal to the plane	EN ISO 11058	55 l/m ² .s
Waterflow in the plane 20kPa	EN ISO 12958	5x10 ⁻⁶ m ² /s
Characteristics opening size	EN ISO 12956	85µm
Physical properties		
Thickness under 2kPa	EN ISO 9863-1	2.8mm
Weight	EN ISO 9864	370g/m ²
Durability		
Natural UV light	ASTM 4533	100%
Chemical resistance	EN 14030	100%
Oxidation resistance	EN ISO 13438	>90%
Microbiological resistance	EN 12225	100%
Hydrolysis	EN 12447	100%
Density		0.91kg/dm ³
Melting point		165°C
Fiber bonding		Mechanical / Thermal

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF Construction Chemicals representative.

BASF reserves the right to have the true cause of any liability determined by accepted test methods.



We create chemistry

MasterSeal[®] 957

QUALITY AND CARE

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational Health & Safety standards ISO 9001, ISO 14001 and OHSAS 18001.

* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the BASF-Group in many countries.

BASF_CC-UAE/SI_957_09_15/v1/

STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

BASF Construction Chemicals UAE LLC
P.O. Box 37127, Dubai, UAE
Tel: +971 4 8090800, Fax: +971 4 8851002
www.master-builders-solutions.basf.ae

Disclaimer: the LRQA mark relates to certified management system and not to the product mentioned on this datasheet

