HOYLAKE
member of eurotec group

TECHNICAL DATA SHEET

EUROPLAST ANTIRADICE PLUS

Anti-root membrane

DESCRIPTION AND SPECIFICATIONS

A polymer elastoplastomeric bitumen membrane based on distilled bitumen modified by high molecular weight polymers added with Preventol B2(r) - a chemical agent against root penetration. **EUROPLAST ANTIRADICE PLUS** is reinforced by non-woven polyester continuous strand which is isotropic and very resistant. **EUROPLAST ANTIRADICE PLUS** is also available with a protected surface of natural slate chippings in a choice of colours.

USE AND APPLICATION

EUROPLAST ANTIRADICE PLUS is resistant to chemical and mechanical action of the roots. It is useful in all situations where it is in direct contact with the ground such as: cultivation soil, planting soil roof gardens, underground garages, underground foundation walls, pools, canalizations and underground tubing, terrace gardens and flower boxes

APPLICATION

Application procedure may vary slightly depending upon site conditions. However below given are general guidelines.

Surface preparation

The surface where the membrane will be laid is to be made clean and dry. All surface imperfections and protrusions are to be removed and repaired. Structurally unsound and friable concrete must be removed and repaired with a suitable repair mortar.

Priming

Apply solvent primer to a clean smooth and dry surface by brush, roller or spray. Allow the primer to dry.

Alignment

Unroll and align **EUROPLAST ANTIRADICE PLUS** and re-roll correctly before torching. Overlaps should be a minimum of 100mm.

Torching

Use gas burner to heat substrate and undersides of **EUROPLAST ANTIRADICE PLUS**. Embossing on the lower face of the membrane allows a fast and safe laying. When embossing disappears after torching the membrane is ready to stick. Roll forward and press firmly against the substrate to bond. **Caution**: Do not over torch as this will expose the reinforcement in the membrane and cause damage to it.

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CHARATERISTICS	NORM	UNIT	VALUE	TOLL
Visible Defects	EN 1850-1	----	pass	----
Thickness	EN 1849-1	mm	4 / 5	-0 , 2
Areic Mass	EN 1849-1	Kg/m²		npd
Width and Length	EN 1848-1	m	1,00	-1%
Straightness	EN 1848-1	mm	max 20	pass
Max Tensile Force (L/T)	EN 12311-1	N/5cm	600 / 400	-20%
Elongation (L/T)	EN 12311-1	%	40 / 40	pass
Resistance to Tearing (L/T)	EN 12311-1	N/5cm	140 / 140	pass
Resistance to Static Loading	EN 12730-A	kg	15	pass
Resistance to Impact	EN 12691	mm	800	pass
Joint Strenght (L/T)	EN 12317-1	N/5cm	-	npd
Peel Resistance of Joint	EN 12316-1	N/5cm	-	npd
Pliability (Cold Flexibility)	EN 1109	°c	-10	pass
Pliability (Aged)	EN 1296	°c		npd
Uv Ageing (Visible Defects)	EN 1297	---	pass	---
Watertightness	EN 1928	kPa	60	pass
Water Vapour Permeability	EN 1931	µ x 1.000	20 (default)	npd
Water Vapour Permeability (Aged)	EN 1296	µ x 1.000		npd
Flow resistance (New /Aged)	EN 1110	°c	120	pass
Dimensional Stability (L/T)	EN 1107-1	%	-0.25 / +0.15	pass
Root Resistance	EN 13948	---	pass	---
External Fire Performance	EN 13501-5	class	F(roof)	npd
Reaction to Fire	EN 13501-1	class	F	npd
Adhesion of Granules(Mineral Version)	EN 12039	%		npd

Reserves the right to improve and change its own products at any time without prior notice or advice. The use of

Topside Finish		anti –aderent dotted talc				
Underside Finish		Thermos-fusible polyethylene film				
Pallet Composition	Thickness	mm	2	3	4	5
	Rolls x Pallet	n°	----	----	23	20
		Shrinkable polyethylene film, on pallet				
Additional Info		"Polymer Bitumen Membrane Info Sheet," current release				

EuroPlast AntiRadice Plus products is determining by local conditions and the individual requirements of each contracts. Euro AntiRadice Plus may not be held responsible for the application of its products and for conditions beyond its control. Technical data declared may vary without previous notice.