



RESITECH INDUSTRIES PTY LTD

Office: 5A Priority St, WACOL 4076 QLD PO BOX 3116 BIRKDALE QLD 4159
Phone: 07 3879 4409 Fax: 07 3879 4067 Email: info@theresitechgroup.com

Specialists in Plastics Recycling & Plastic Sheet Extrusion Products

TECHNICAL DATA SHEET

"DRY-ROOT" ROOT BARRIER PRODUCT

DESCRIPTION:

"Dry-Root" Root Barrier is a Polymeric Membrane for the protection against the unwanted intrusion of tree roots and moisture seepage in prevention of kerb, driveway, and house foundation damage. The 'DRY-ROOT' root control barrier is a waterproof flexible membrane made from High Density Polyethylene plastic and stabilised to comply with Australian Standards to ASTM D5199/1505. This product will allow for trees to remain and exist along-side of buildings, driveways and paths without causing any underground problems.

AREAS OF USE:

"Dry-Root: root barrier is suitable for the following suitable applications:

- New or existing roadway constructions
- Protection of concrete paths and pipes etc,
- Landscaping applications,
- Protection from tree roots.

FEATURES AND BENEFITS:

- Rigid barrier for ease of use when creating a vertical root barrier,
- Chemically inert,
- Available in a range of roll lengths, thicknesses and widths,
- Easy to use,
- Australian Made to Australian conditions,
- Permanent Life-span as non-degradable,
- Cost effective.
- A Recyclable product back to Resitech Recycling.

PACKAGING AND STORAGE:

- 'DRY-ROOT' rolls available singular or pallet quantities,
- Product is labelled with a DRY-ROOT identification,
- Sizes available from:
- 300mm – 1200 width,
- 750um – 2000um thickness,
- 20m – 100m length.



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HEALTH AND SAFETY:

- Avoid Excessive Heat,
- Lift with care due to product weight as per specification sheet.
- Unroll with care as roll edges may be sharp.
- Refer to the Material Safety Data Sheet from Resitech for more details.

TECHNICAL DATA:

PHYSICAL PROPERTIES

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>VALUE</u>	<u>UNITS</u>
DENSITY	ASTM D1505/D2839	0.945	G/CM3
TENSILE STRENGTH	ASTM D638	27	MPa
ELONGATION AT BREAK	ASTM D638	>600	%
FLEXURAL MODULUS	ASTM D790	990	MPa
IZOD IMPACT STRENGTH @ -30'C	ASTM D256 METHOD A	250	J/m
DUROMETER HARDNESS	ASTM D2240	63	SHORE D
ESCR-100% IGEPAL (F)	ASTM D1693	>1000	HOURS
CARBON BLACK	ASTM D1603	2	%

DISCLAIMER:

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