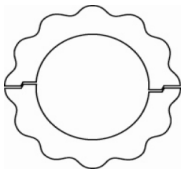
Styrolag

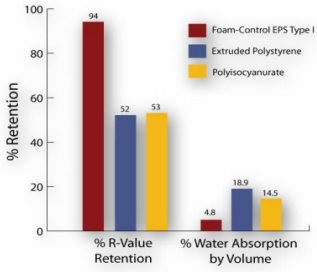
Technical Data Sheet



Applications:

Approved Drain lagging where PVC Pipe pentrates concrete.
Australian draining standards 3500 part 2.2 clause 3.8.2(b) state - "Drains laid through footings shall be installed with an annular space of not less than 25mm filled with a liner of flexible material"

Composition :



Strolag is manufactured from Expanded Polystyrene (EPS)
(Non-Hazardous according to the criteria of worksafe Australia)
Density = to 24g / litre

Ozone Depleting Substances:

EPS products are free of Ozone Depleting Substances in both manufacture and composition.

Physical Properties:	**Unit**		**Test Method**
Compressive stress at 10% deformation, min	**kPa**	**135**	**AS2498.3**
Cross Breaking Strength: min.	**kPa**	**260**	**AS2498.4**
Rate of Water Vapour transmission; max-measured parallel to rise at 23°C	**µg/ m²s**	**460**	**AS2498.5**
Dimensional stability of length; max:- at 70°C, dry conditions; 7 days	**%**	**1**	**AS2498.6**
Thermal resistance (min) at a mean temperature of 25°C (50mm sample)	**m²K/W**	**1.25**	**AS2464.5 or AS2464.6**
Flame propogation characteristics:			
median flame duration ; max	**s**	**2**	**AS2122.1**
eigth value; max	**s**	**3**	
medium volume retained:	**%**	**40**	
eigth value ; min	**%**	**37**	
Safe usage temperature	**°C**	**-50 to +70**	**AS2136.7**

Storage and Transport:

EPS products are not classified as Dangerous

Goods for transport, storage or handling.

EPS is a combustable solid, store away from sources of strong heat or flame.

Extinguishing Media;

Water, foam CO2 and Dy Chemical

Hazardous Decomposition Products:

Carbon Monoxide and Carbon Dioxide are major products of incomplete combustion
The toxic potency of combustion is similar to that of wood. (CSIRO Tech Report TR94/1)

Disclaimer: The information supplied above is to be used as a guide in the use of Stryolag and whilst to the best of Styrolag's knowledge, it is reliable and correct, no responsibility can be can be taken by the company for they way in which Styrolag is selected or used.