

Technical Data Sheet

Duramit

Description/Chemical Characterization

Thermoplastic Polyvinyl Chloride (PVC) originated roofing material, co-extruded with Acrylonitrile Styrene Acrylate (ASA) copolymer as coating.

Physical and Chemical Properties

Form:	Solid
Colour:	Unicolor
Thickness:	Between +10% and -5% of the specified thickness.
Length:	Between +1 cm and -0.5 cm of the specified length.
Width:	±0.5 cm of the specified width.
Weight:	3.5 – 3.9 kg/m ²
Dart Impact:	> 60 in.lb
Pendulum Impact:	200 – 250 kJ/m ²
Tensile Modulus:	800-1000 N/mm ²
Flextural Modulus:	1800-2200 N/mm ²
Shore-D Hardness:	74 - 78
Longitudinal Warpage:	≤ 4 mm
Shrinkage (73 °C, 4 hour):	<1%
Density:	1.41-1.45 g/cm ³
Water Leakage:	None
Water Absorption:	< 0.2%
Light Fastness, 200 hrs:	dE < 1.5
Surface Resistance to Chemicals:	No stains after 2 hours

Packaging

In pallets of maximum 400 sheets, unless specified by the customer.

Storage

Preserve at 20 – 25 °C under dry conditions in the warehouse. Do not store under direct sunlight.

Shelf life/ Disposal/Handling

In case of proper storing conditions, no change of properties might be observed for a long time. Dispose according to local legislations or instructions. Normally considered as commercial waste similar to household waste.