

Easyfelt P4160

Oxidized bituminous waterproofing membrane

CHARACTERISTICS

- ▶ Excellent resistance to positive water & vapor pressure
- ▶ Good dimensional stability under tension
- ▶ Resistant to water borne chemicals
- ▶ Excellent tensile, tear and puncture resistance



DESCRIPTION

Easyfelt P4160 is a polyester reinforced bituminous waterproofing membrane, manufactured from a mixture of oxidized bitumen. The bituminous compound exhibits high heat and UV stability.

FIELDS OF APPLICATION

Easyfelt P4160 is designed to be used for villas & small buildings for the following areas:

- inverted roofs & terraces
- balconies & patios

APPLICATION

Surface preparation

The Clean all surfaces thoroughly of all contaminants like dust, traces of curing compound, oil, grease.

Priming

Apply Polyprime SB (Solvent based primer) @ 4-6 m²/L by brush, roller or spray. Allow the primer to dry prior to the application of the membrane.

Application

Easyfelt P4160 membranes are installed by using a cylinder fed propane gas torch. Heat is applied to both the roll and the exposed laps of the membrane being overlapped onto. Caution: Do not over torch the membrane as this will expose the reinforcement and cause damage to it.

Sealing

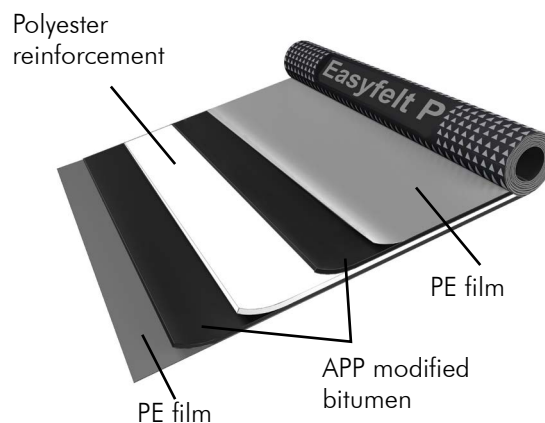
Heat both the overlaps and use round tipped trowel to seal the overlap.



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Up stand

An appropriate flashing membrane (Bituplus G) shall be lapped with the base membrane and taken up on the parapet wall and tucked into a groove cut into the concrete. The grooves will be sealed with a suitable mastic.



For illustration Purpose only

STORAGE

Easyfelt P4160 membranes have to be stored vertically in a covered area and protected from UV and sunlight and should not be stacked on top of one another.

HEALTH & SAFETY

Easyfelt P4160 membranes contain a tacky bitumen compound which when applied can stick to human skin. Such stains can be removed by using a cloth dipped in suitable cleaner. In case the bitumen gets stuck to a sensitive area it is advised to get medical attention.

SUPPLY

Easyfelt P4160	4mm	1 m x 10m, wt 41 kg
Polyprime SB		15L & 20L

TECHNICAL SPECIFICATION

PROPERTIES	VALUES
Thickness, [mm]	4.0
Mass per unit area, kg/m ²	4.1-4.4
Coating asphalt	Oxidized Asphalt
Softening point [R&B], [°C]	>105
Penetration at 25°C, 0.1 mm	10-20
Tensile strength [L/T], [N/5cm]	>550 / >400
Elongation [L/T], [%]	>30 / >45
Tear strength [L/T], [N]	>350 / >300
Heat resistance at 70°C	No Flow

Apart from the information given here it is also important to observe the relevant guidelines and regulations of various organisations and trade associations as well as the respective standards. The aforementioned characteristics are based on practical experience and applied testing. Warranted properties and possible uses which go beyond those warranted in this information sheet require our written confirmation. All data given was obtained at an ambient and material temperature of +23°C and 50 % relative air humidity at laboratory conditions unless specified otherwise. Please note that under other climatic conditions hardening can be accelerated or delayed.

The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of wilful misconduct or gross negligence on our part. This technical data sheet supersedes all previous editions relevant to this product.

