

# Iso-D

## Lightweight bitumious roof underlay

### Description:

Iso-D consists of a combined fibreglass and polyester core, polymer asphalt and a top and bottom of polypropylene felt. The underlay coating has integrated adhesive edges for self-adhesive overlaps. Isola Iso-D is impermeable and must be ventilated under the load-bearing roofing underlay.



### Application:

Isola Iso-D is used as a roofing underlay coating in cold ventilated pitched roof constructions with load-bearing wooden roofing boards. The underlay coating is ideal as a base for concrete roof tiles, roofing shingles and pantiles on battens. Iso-D is ideal for both new buildings and renovation projects.

### Installation:

The roofing underlay coating has a self-adhesive overlap and should be fitted horizontally along the roof. Installation should start at the eaves and end at the ridge. We recommend the use of Isola Sealant, Flexitett and Roof Gaskets for repairs, penetrations and sealing other building materials.

For more details see laying instruction on our website.

### Storage:

The product should be stored upright on an even surface and should not be exposed to direct sunlight. Pallets of Isola Iso-D must not be stacked on top of each other.

### Approvals and guarantee



# Iso-D<sub>525031</sub>

Product data	Value	Designation
Cover width	100	mm
Underside	Filt	-
Width	1000	mm
Length in mm	25000	mm
Weight (per unit)	20000	g
Coverage area	22.5	m <sup>2</sup>
Material	Asfalt	-
Min roof angle	6	°
Nobb Atribute	Nobb Atribute	-
Thickness	0.8	mm

Properties	Method	Unit	Value
Sd-value	EN 1931	m	>25
Euro fire class according to EN 13501-1	EN ISO 11925-2	-	E
Resistance to water penetration	EN 1928 (A)	-	Pass
Tensile strength MD	EN 12311-1	N/50 mm	500 ± 20 %
Tensile strength CMD	EN 12311-1	N/50 mm	400 ± 20 %
Elongation At Maximum Tensile Force MD	EN 12311-1	%	3 ± 1
Elongation At Maximum Tensile Force CMD	EN 12311-1	%	3 ± 1
Tear resistance MD	EN 12310-1	N	170 ± 20 %
Tear resistance CMD	EN 12310-1	N	170 ± 20 %
Pliability	EN 1109	°C	-20

