Siplast

Membrane **IRT 3D**

with slate-coloured protection and depth appearance

- Bituminous membrane with 3D design
- Thickness: 4.2 mm or 3.00 mm
- Relief appearance of traditional tiles
- For new works and refurbishment
- For slopes up to 85°

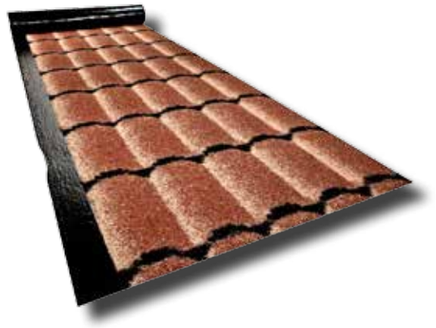
Description

Elastomeric bitumen waterproofing membrane with slate-coloured flake protection and roof tiles appearance.

The 3D effect gives the product a relief and depth perspective, perfectly imitating the appearance of traditional tiles.

The **Membrane Icopal Rolled Tile 3D** is particularly suitable for refurbishing roofs previously made from bituminous shingles.

For concrete or wooden support or overlaying existing bituminous waterproofing.



Available in 2 versions:
Membrane IRT 3D 4.2 mm and **Membrane IRT 3D 3.00 mm**

Installation of **Membrane IRT 3D**

Membrane IRT 3D 4.2 mm

- **Pitched roofs for new builds and refurbishments**

- **Single-layer application**

- **IRT 3D 4.2** is installed directly on to a concrete or wooden substrate.
- **IRT 3D 4.2** is unrolled in the direction of the slope and is torch-applied.
- Side overlaps and ridge joints are secured by welding.
- **IRT 3D 4.2** is mechanically attached every 150 mm along ridges and side overlaps.
- All details and vertical upstands are treated with a double layer system with Paradiene 35 SR4 welded to the primed substrate (Siplast Primer: 0,3 lt/m²).
- For refurbishment the existing tiles are removed to expose the substrate.

- **Pitched roofs refurbishment over old existing bitumen shingles**

- IRT 3D 4.2 is installed directly over existing bitumen shingles after all damaged and loose shingles have been removed.
- All excess mineral granules are also removed from existing shingles and Siplast Primer is applied (0,3 lt/m²).
- All shingles around any kind of roof details, corners, roof edges, skylight, chimneys are removed to a distance of about 0,5 m and Siplast Primer (0,3 lt/m²) is applied over the concrete or wooden substrate and over all existing bituminous shingles.
- All details and vertical upstands are treated with a double layer system with Paradiene 35 SR4 being torch-applied (or Adepar JS in case of flammable substrate).
- IRT 3D 4.2 mm is unrolled in the direction of the slope and then torch-applied.
- Along ridges and side overlaps IRT 3D 4.2 mm is mechanically fixed every 150 mm.

For more details see IRT 3D Technical Data Sheet.

Membrane IRT 3D 3.0 mm

- **Pitched roof for new builds and refurbishments**

- **IRT 3D 3 mm** is installed as double layer system directly over the first layer of SBS membrane.
- **IRT 3D 3 mm** is unrolled in the direction of the slope and then torch-applied.
- Side overlaps and ridge joints are secured by welding.
- **IRT 3D 3 mm** is mechanically attached every 150 mm along ridges and side overlaps.
- The first SBS membrane layer is applied by torching over concrete or wooden substrate primed with Siplast Primer (0,3 lt/m²).
- For refurbishment, the existing tiles are removed to expose the substrate.

Mechanical fixings along ridge and selvage overlaps

Siplast Primer

Membrane **IRT 3D**

Colour chart

Terracotta - *3D tile effect*

Grey - *3D tile effect*

Characteristics

	Membrane IRT 3D 4.2	Membrane IRT 3D 3.0
Thickness (mm)	4.2	3
Reinforcement	reinforced glass grid	reinforced glass grid
Tensile strength (EN 12311-1)	1.300 x 1.300 (+/-100)	1.300 x 1.300 (+/-100)
Cold temperature flexibility (EN 1109) (°C)	- 15°	- 15°
Weight (kg/m^2)	5	4
External fire performance	BRoof T1	BRoof T1

Packaging

	Membrane IRT 3D 4.2	Membrane IRT 3D 3.0
Rolls dimension	1 m x 8 m	1 m x 8 m
Nr. rolls/pallet	22 rolls	24 rolls
Quantity/pallet	160 sqm	192
Fixings	24 pcs (included)	-

Ancillary products

Supracoating, Parequerre and Paradiene 35 SR4 for details and upstands.
Siplast Primer for support.

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