



Temafol™



Temafol™ HDPE foil with studded profile

- Prevents Corrosion Under Insulation (C.U.I.)
- Creates an air cavity so moisture freely can evaporate.
- Prevents puncturing vapour barriers under metal cladding.



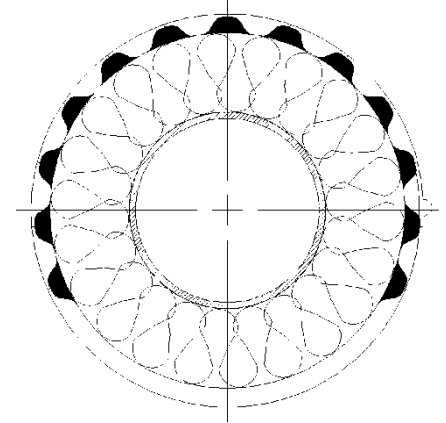
The problem

1. When vapour barriers need to be mechanically protected with steel or aluminium cladding there's a risk of puncturing by screws or blind rivets. The damaged vapour barrier causes CUI and degradation of thermal properties.
2. In cyclic hot processes there's a high risk of moisture condensation in mineral wool insulation systems. This condensate has to freely evaporate or drain from the insulation system or it will cause CUI.



The Solution

1. TEMAFOL™ creates a space between the vapour barrier and cladding. In this case screws and or blind rivets can't puncture
2. TEMAFOL™ creates an air cavity. In this situation moisture will always condensate against the colder cladding. And will find its way to the lowest drainhole. As mentioned in CINI 4.1.01.



Characteristics

TEMAFOL™ is a strong impact resistant HDPE foil with a studded profile.

Sizes:

Roll dimensions : 8mm x 20 mtr x 1000 mm
 10mm x 12,5 mtr x 2000 mm (on request)
 20mm x 20 mtr x 2500 mm (on request)

Thickness : 0,6 mm; height of pressed-in structure: 8,0 mm (10 mm and 20 mm on request)

Technical data

Weight : 600 g/ m² (8 mm and 10 mm versions)
 1000 g/m² (20mm version)

Colour : Black

Strength : Pressure resistance: 200 kN/ m² hardness shore 63

Fireclass : B2 (DIN 4102)

Moisture-absorption : Nihil

Resistant to frost : Yes

Chemical resistance : Resistant to inorganic acids common in the ground
 Resistant to bitumen
 Foil will not rot, is not toxic and is neutral to drinking water.
 Not resistant to UV-radiation

Temperature limits : -50°C tot +80°C.

Storage : Flat and dry storage
 When stored outdoors protect from direct sun-light

Packaging : Packed in rolls

