



PROTEGGA[®]

PLUS+

PRODUCT DATA SHEET

Description

Protegg[®] Plus is manufactured from red polypropylene (PP) and white polypropylene fibre fabric, by laminating the filter fabric to the top of the studs of the membrane. It is impermeable and resistant to the usual chemicals in the building construction. The product acts as a damp proof membrane and key for the direct application of tiles using cement based tile adhesive (thin bed method).

Studs are formed in a regular pattern on the one face of the product, and form undercut cavities creating a key for the tile adhesive. The fibre fabric laminated to the top of the studs is fixed to the underlying surface with adhesive, so that the undercut cavities face upwards to receive tile adhesive. The studs are spaced at approx. 17 mm centres. Along each longitudinal edge of the roll special support studs are formed in a width of 30 mm over which a joint strip is placed. The product is supplied in rolls.

Workability

Protegg[®] Plus is tough but pliable and can be bent around corners and projections without risk of breaking even in very low temperatures. The product can be easily cut with a knife or scissors.

Storage

Protegg[®] Plus should be stored upright in unbroken packaging, and preferably under cover, when stored over long periods.

Technical Data

Sheet thickness:	nominal 0.50 mm
Stud height(net):	approx. 3 mm
Construction height:	approx. 3.5 mm
Unit weight:	510 g/m ²
Loading performance:	defined by tile Specification
Working temperature:	-10° to 60°C



PROTEGGA[®]

PLUS+

Installation temperature:	+5° to 40°C, but limited by tile specification
Storage temperature:	max. 45°C
Softening temperature:	+160°C
Linear coefficient of thermal expansion:	0.18 mm/m.°C
Thermal resistance:	≤ 0.6 m ² . °C/W
Air gap volume:	ca. 1.1 litre/m ²
Stud filling volume:	ca. 1.6 litre/m ²
Life expectancy:	at least 50 years for defined applications.
Colour:	red and white

Thinset Coverage

One bag of thinset covers approximately 75ft.²

Chemical Resistance

Proteggga[®] Plus is resistant to all chemicals, to which it can be exposed, in normal building construction.

A small number of aggressive chemicals (e.g. solvents), in large concentrations, can to some extent attack Proteggga[®] Plus during prolonged exposure. For special applications, the supplier should be contacted, with a view to assessing necessary action.

Sizes/Article no.

Rolls of 1.00 x 25 m (TT8000RED82R)

Installation instructions

Installation instructions are supplied with each roll.

Delivery units

Rolls are supplied on pallets of one size:

Rolls of 1.00 x 25 m Pallets of 9 rolls

Application

Separation layer between tiles and substrate, preventing the transfer of stresses to the tile surface. Stress cracks in the substrate are bridged and therefore not transferred to the surface covering.