

StrataPlan PVC Coated Metal

Membrane coated steel sheet for roof detailing applications

Product overview

StrataPlan PVC Coated Metal features a double-faced zinc-coated steel sheet which is treated with a layer of PVC-P film. This provides a weatherproof, UV protective finish, whilst the back metal plate is treated with a varnish coating.

Typical use

StrataPlan is supplied in sheet form and can be fabricated off-site to form typical roof perimeter details such as drip edges and upstands. The product is ideal for heat welding to preformed edge details in order to ensure that roof perimeters are fully sealed and waterproofed.

Features & benefits

- Fulfils requirements of the Standard EN 14783
- Ideal for detailing applications
- Helps create a neat finish
- Compliments StrataPlan roofing systems
- Good UV resistance
- Reliable mechanical properties
- Coated with high quality PVC-P membrane

Substrate preparation

Prior to sealing joints, the colaminated metal should be dry, free of oil, fat and dust and other impurities.

Application guidelines

StrataPlan PVC Coated Metal should be installed in accordance with manufacturer recommendations and all relevant national standards and codes of practice.

The product should be mechanically fastened, typically at centres no greater than 200mm. Sealing should be made using StrataPlan PVC membrane with a minimum 30-40mm hot air weld.

Please consult the StrataPlan PVC Waterproofing Systems Installation Guide for further guidance.

Storage

StrataPlan PVC Coated Metal should be stored a temperature between -5°C to +30°C. During storage, the product should be kept covered and protected from weathering and building site pollution.

Standard characteristics

Properties	Declared Performance
Colour	Anthracite Grey (RAL 7016)
Sheet dimensions	2000mm x 1,000mm
Weight per sheet	Approx. 10.5kg
Overall thickness	Approx. 1.15mm
Galvanised steel thickness	0.55mm ± 0.05mm
StrataPlan coating thickness	0.6mm ± 0.05mm
Pieces per pallet	50
Area / coverage per pallet	100m ²

Technical characteristics

Properties	Declared Performance
Reaction to fire	Class E in accordance with EN 13501-1
Weathering condition resistance	Resistant to weathering, loading & UV radiation in accordance with EN ISO 4892-3
Strength of welded joint	Successfully tested in accordance with PN 4588/2014
Adhesion of PVC layer to metal plate	Successfully evaluated in accordance with PN 4588/2014
Water vapour & air permeability	Satisfactory

Further information

The information contained in this datasheet, along with any advice provided (either written or verbal) through testing are based on our experience and do not constitute any product guarantee for the installer.

We recommend that all of the information provided is carefully studies before proceeding with application, and strongly advise that suitable tests are carried out on site before application in order to determine the suitability and compatibility for the specific project.

The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. As a result, the installer will be solely responsible for any damage derived from the partial or complete disregard of our guidance or the general mis-use of any of our materials.