

hytec

LOOSE LAID SHEET WATERPROOFING MEMBRANE

DESCRIPTION

Hytec is a flexible polypropylene sheet membrane, which offers exceptional mechanical properties suitable for the protection of concrete and steel structures.

Rolls are heat welded together using conventional hot air welding techniques to provide a durable waterproofing barrier, which is supported by a wide range of accessories tailored to suit the most demanding applications.

Hytec has been tested by the British Board of Agrément (BBA) and is compliant and approved for use under UK Network Rail Company Specification RT/CE/S/041 Issue 2, August 2001, Serco PADS Catalogue Number 028/970000.

USES

Hytec can be used in a variety of applications including:

- Rail Bridge Decks and Viaducts (Underline)
- Tunnels and culverts
- Tanking and bunds
- Roofing
- Lagoons and ponds
- Landfill and gas barriers

The system is loose laid so is tolerant of inclement weather during application.

FEATURES

- Fast track and weather tolerant application all year round
- Contains no plasticisers, avoiding the reduction in properties due to plasticiser migration
- Contains no chlorine based materials as opposed to PVC's
- Heat-welded jointing, either in-situ or off site, with a wide seaming temperature range
- Excellent ageing, weathering and UV resistance
- Good chemical resistance
- Resistant to ballast and backfill materials
- Excellent impact, puncture and tear resistance
- Easy to repair throughout working life
- Completely recyclable
- Complete system provided with all accessories including pre-formed profiles and sheet-laminated metal
- Comprehensive technical support service
- Applied only by authorised and trained contractors

TECHNICAL DATA

PROPERTY	VALUE
Standard Thickness	1.5mm
Standard Width	2.85 metres
Standard Length	25 metres
Standard Weight	1.35kg/m ²

To ensure the most appropriate specification of Hytec is used please consult our Customer Services Department.

SURFACE PREPARATION

Minimal surface preparation is required. Please consult the Hytec Application Guidelines for further information.

APPLICATION

Hytec is usually loose laid but can also be mechanically fastened. Please consult the Hytec Application Guidelines for further information.

PACKAGING & STORAGE

Hytec is supplied in wrapped rolls, with labels showing the roll dimensions. Rolls should not be unwrapped until immediately prior to use. All rolls should be stored horizontally above 0°C and below 50°C.

ANCILLARIES

Stirling Lloyd supplies a range of products to compliment the Hytec system. Please consult the Hytec Application Guidelines for further information.

HEALTH & SAFETY

Hytec is an inert material and has no chemical hazard. As such it does not have or require a Material Safety Data Sheet. We have produced a Hytec Health and Safety Statement that must be read and understood before commencing work.

It is the Company's policy to take all reasonable steps to prevent injury to all property and personnel from foreseeable hazards. This extends to the public in so far as they come into contact with the Company or its products.

GENERAL INFORMATION

Hytec is part of a wide range of specialist waterproofing, surfacing and repair materials manufactured and supplied by Stirling Lloyd. If you require any further information on this or any other of our products, please contact our Customer Services Department or visit www.stirlinglloyd.com.



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