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# Xtra-Load® Torch On Protection Layer

## Structural Waterproofing Systems

### Introduction

Xtra-Load® Torch On Protection Layer is a flexible, water resistant membrane with an integral mineralised surface for impact resistance on one face, for use as protection for both vertical and horizontal damp-proof and tanking membranes, principally Imperma SBS tanking membrane. Xtra-Load® Torch On Protection Layer is tough and durable, yet easily cut for shaping on site.

### Description

Xtra-Load® Torch On Protection Layer is a synthesis of compatible bitumens and SBS rubbers combined with a high strength spun-bonded polyester carrier. The top surface is coated with mineral aggregate, whilst a torch-dispersible film is applied to the underside. A special selvedge to improve bond strength at the laps.

### Intended Use

Xtra-Load® Torch On Protection Layer is suitable for use as both a temporary or permanent protection of horizontal and vertical tanking and damp proof membranes from mechanical damage during backfilling operations and general pedestrian site traffic. Xtra-Load® Torch On Protection Layer is sufficiently robust to accommodate foot traffic by following trades.

### Installation Procedure

**Preparation of Surface:** All membrane surfaces to be protected are free from debris and contaminants which could cause damage to the membrane.

**Horizontal Application:** Immediately following installation and inspection of the tanking or damp-proofing membrane, Xtra-Load® Torch On Protection Layer should be rolled out over the membrane with the mineralised finish upwards, and spot bonded to the membrane using a gas torch or with hot bitumen.

**Vertical Application:** Immediately following installation and inspection of the tanking, Xtra-Load® Torch On Protection Layer should be installed with the mineralised finish facing outwards and spot bonded to the membrane using a gas torch. If there is any delay in providing support of back-filling, then temporary support should be applied to the layer.

When used as a fully bonded layer as part of the tanking specification, the membrane must be installed in accordance with the manufacturer's instructions and recommendations.

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice. Up to date information is available from our Technical Services Department on request.

Responsibility cannot be accepted for the application of products, and no claims can be considered, where the manufacturer's instructions have not been followed. The user should not assume, based on information provided in this sheet, that the product is suitable for any abnormal use.

All products are sold subject to our standard conditions of sale, available on request.

### Properties

Roll Size	8 m x 1 m
Thickness	4.0 mm
Nominal Weight	4.5 kg·m <sup>-2</sup>

### Compressive Strength

Xtra-Load® Torch-on Protection Layer will not extrude under load, up to the point of compressive failure of the structure, and will not adversely affect the ability of a properly designed and built structure to sustain and transmit compression.

### Compatibility

Xtra-Load® Torch On Protection Layer is compatible with materials normally used in waterproofing and construction.

**Hydrocarbon solvent based products, such as Naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come into contact with these membranes.**

### Delivery and Storage

The membranes are delivered to site in rolls secured with paper wrapper bearing the product name, type of surface finish, roll length, and batch sticker. The material when removed from the pallet must be stood on end on a flat level surface, under cover and away from exposure to the sun and away from heat sources. Mechanical damage must also be avoided.

Do not store where membranes are liable to come into contact with hydrocarbon solvents, such as petroleum spirit or diesel oil or other organic solvents.

### Technical Services

Specialist advice and design guidance on all matters relating to Xtra-Load® Torch On Protection Layer is freely available from our Technical Department at the address below.

### Availability

Item Code	Description	Roll Size
2001407	Xtra-Load® T-on Protection Layer	8 m x 1 m