

# RAVATHERM<sup>TM</sup> XPS X

Guidance notes for safe opening  
and offloading of bulk units





# Guidance notes for safe opening and offloading of Ravatherm XPS X bulk units

## Curtain sided vehicle offloading

Unless otherwise notified or requested all Ravatherm XPS X building products loaded onto curtain sided vehicles will have the outer wrapping of the bulk unit pre-slit. This allows for access to smaller units within enabling a standard forklift to offload the smaller units and no need for fork extensions.

- bulk units outer wrap pre-slit
- offloader to pull back outer wrap
- access to smaller units within
- standard forklift can offload smaller units
- no need for fork extensions.



## Flatbed vehicle offloading

Ravago's design for bulk packaging makes offloading Ravatherm XPS X products simple and convenient.

Each 15 m<sup>3</sup> bulk unit contains:

- four or eight pre-wrapped units
- two layers, each set on bearers
- thick outer wrap for protection during transportation.

- slit outer wrap horizontally along the mid-height bearers
- lift away top half and set down so you have two half-height units
- slit outer wrap vertically
- separate into eight packs – easy to handle with a standard forklift truck.

We hope you find our bulk packaging, loading and offloading methods more convenient, safer and simpler. We're always interested in your feedback. Please contact: [orders.uk.rbs@ravago.com](mailto:orders.uk.rbs@ravago.com)

### HOW TO OFFLOAD AND UNPACK INTO FOUR OR EIGHT CONVENIENT UNITS

- unload from flatbed truck with a forklift and fork extensions



**Detailed below are GUIDANCE NOTES only for breaking open bulk packs of Ravatherm XPS X. It is important that products are handled safely and in accordance with relevant site regulations. To assist, we offer the following guidance notes\*.**

## Breaking bulk guidance

Key points:

- Personal Protective Equipment (PPE) must be worn as required by the site/user personnel regulations.
- Individual packs weigh approximately 20kgs (2500 x 600mm) and 10kgs (1250 x 600mm). When handling 2500 x 600mm packs best practice suggests two people should perform the task.
- Ensure that the bulk pack is positioned on an even, adequate load-bearing surface with space for two people to walk and work on all four sides.
- Each bulk unit is set on 100mm foam bearers and has the following approximate dimensions, 2400x 2500-2950mm (height differs depending on product), and weighs approximately 450kg.
- All offloading by cranes/fork-lift trucks should be carried out by suitably qualified personnel only.



\* Whilst every care has been taken with these Guidance Notes, Ravago Building Solutions accepts no responsibility for the operations referred to in the Guidance Notes and cannot accept liability for any loss, damage or injury related to the operations or the task, however caused. Importantly, the Guidance Notes do not relieve the User from responsibility to carry out its own risk assessment specifically relating to the circumstances and requirements of the site where the unloading of bulk pack operations will take place. The User is responsible for ensuring that its employees, agents and contractors have been properly trained in the relevant safe working procedure identified as relevant to the task.

# Disclaimer

Ravatherm XPS X contains a flame retardant additive to inhibit accidental ignition from a small fire source. Ravatherm XPS X is however, combustible and if exposed to an intensive fire may burn rapidly.

During shipment, storage, installation and use Ravatherm XPS X should not be exposed to flames or other ignition sources.

Fire classification is based on small scale tests, which may not reflect the reaction of the products in its end use state under actual fire conditions.

Ravatherm XPS X should, when installed, be adequately protected from direct exposure to fire.

Recommendations about the methods, use of materials and construction details are given as a service to designers and contractors. These are based on the experience of Ravago with the use of Ravatherm XPS X.

Any drawings are meant only to illustrate various possible applications and should not be taken as a basis for design.

Since Ravago Building Solutions is a materials supplier and exercises no control over the installation of Ravatherm XPS X, no responsibility is accepted for such drawings and recommendations.

In particular, no responsibility is accepted by Ravago for the systems in which Ravatherm XPS X is used or the method of application by which they are installed. The legal obligations of Ravago in respect of any sale of Ravatherm XPS X shall be determined solely by the terms of the respective sales contract.

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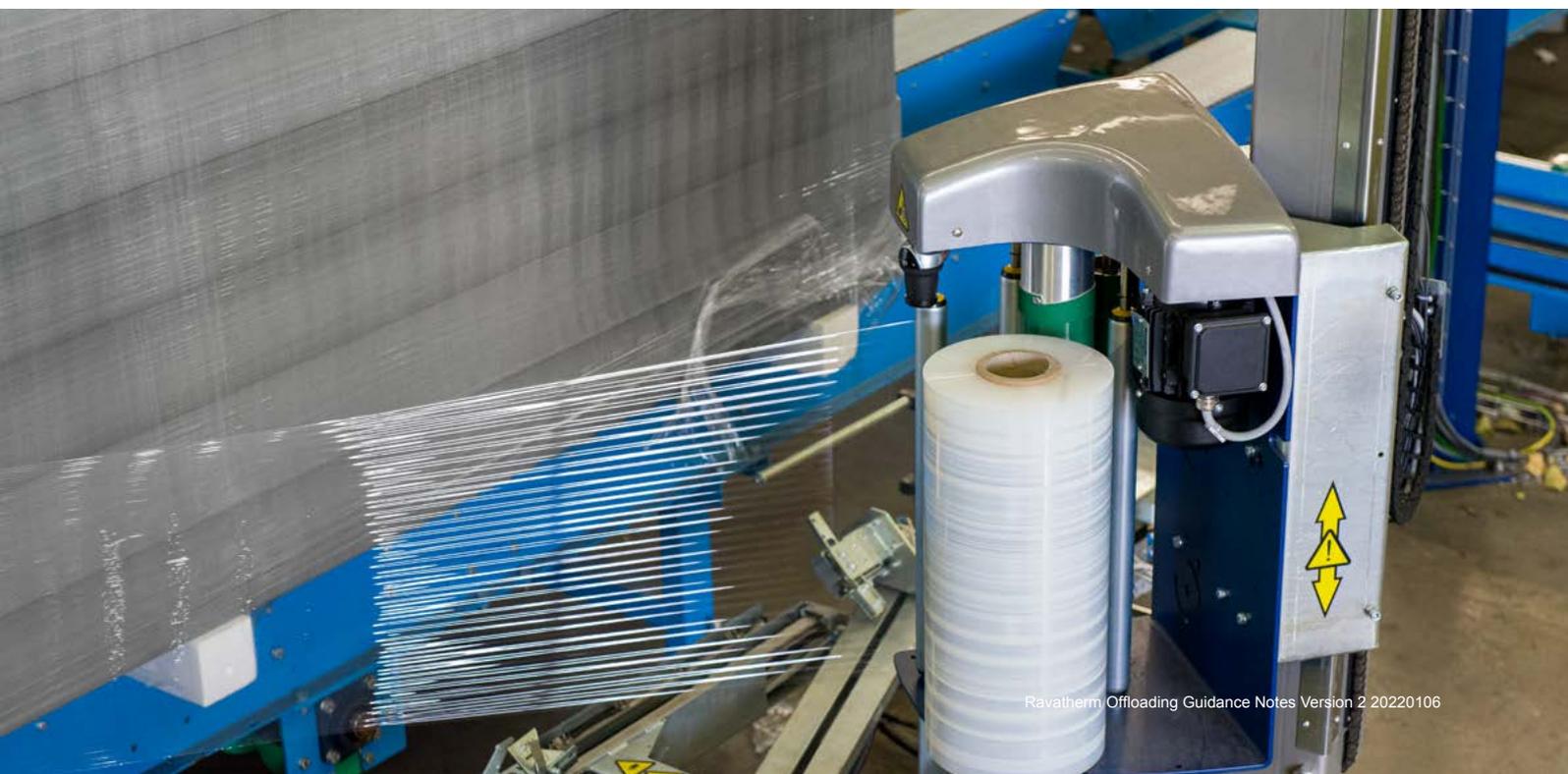
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