

Nordframe Lattice Steel Joists – Frequently Asked Questions:

What type of floor finishes do Nordframe Lattice Steel Joists suit?

Nordframe Steel Joists suit timber, liquid or concrete screed.

How are the Nordframe Lattice Steel Joists Manufactured?

As with the Nordframe Steel Framing, Nordframe rolling machines convert light gauge galvanized steel into cold-rolled steel frame components. The roll-former itself is integrated with high-end technology. Our software generates all floor/ceiling plans, drawings and panel manufacturing information. This information is processed by the roll-former to automatically produce individual components for each joist.

How flexible is this fabrication system?

As you can imagine, this system is totally flexible & allows construction details to be amended at any stage prior to manufacturing.

Are Nordframe Steel Joists compatible with Timber Frame?

They can be used with timber frame in conjunction with the use of concrete screed.

What spans are associated with the joists?

Nordframe Steel Joists span up to 10.5 metres for timber and 8.0 metres for concrete.

What lengths are the joists available in?

The Nordframe Steel Joists can be made to measure or can be purchased in stock lengths suitable for trimming on site. Depths are equal to timber joists or bespoke sizes to suit project.

How are the service wires routed within the Nordframe Lattice Steel Joists?

These are easily routed between joists and through joist webs.

Fixing Ceiling & Floors?

Nordframes wide flanges (89mm) provide large fixing points for ceiling or floor materials.

Can they be used in conjunction with under-floor heating?

Nordframe Steel Joists are ideal for use with under-floor heating systems.

What labour costs can be expected?

Precutting & prefabrication ensures reduced labour while faster construction is largely independent of the weather. 50% labour saving when compared to timber joists – no lifting equipment required.



Are the Nordframe Lattice Steel Joists Environmentally Friendly?

Steel is fully recyclable & reusable while our offsite manufacturing methodology offers many benefits over traditional forms of construction. This is far more efficient & environmentally friendly. Steel recycling itself saves energy equivalent to electrically powering one fifth of Irish Households each year & most steel manufactured today contains 66% recycled content.