

Nordframe Steel Framing – Frequently Asked Questions:

How is the Nordframe Steel Framing Manufactured?

Our 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 framing plans, drawings and panel manufacturing information. This information is processed by the roll-former to automatically produce individual components for each frame.

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.

Can the Nordframe be manufactured to specific customer requirements?

Nordframe is a fast, efficient design and manufacturing system for light gauge steel framing solutions. Our Nordframes are designed and manufactured to each customer's specific requirements.

What application does the Nordframe Steel Framing particularly suit?

Nordframe Steel Framing suits any number of framing application. Examples include infill panels, skeletal pods & units, load bearing floors, building modules, light steel joists, modular roofing, low pitch roof trusses, standard trusses & vertical to flat roof conversions.

How are the service wires routed within the Nordframe Steel Framing?

These are easily routed between frames and through frame webs.

Is the Nordframe Steel Framing system environmentally friendly?

The Nordframe system and offsite manufacturing methodology offers many benefits over traditional forms of construction, not least the fact that steel is recyclable – most steel manufactured today contains 66% recycled content. Steel recycling saves energy equivalent to electrically powering one fifth of Irish Households each year.

What is the standard build time associated with Nordframe Steel Framing?

Up to 50% shorter with reduced preliminaries leading to faster occupancy & accelerated cash flow.

What labour costs can be expected?

Precutting & prefabrication ensures reduced labour while faster construction is largely independent of the weather.

What level of quality can I expect from the product?

State of the art CAD technology produces high quality engineered product, efficiently & quickly while dimensional accuracy eliminates waste & lends to fewer defects than site work.

What on site storage will be needed?



Our 'just on time' manufacture & delivery service eliminates the need for on site storage.

What resistance can be expected against water or fungal damage?

Galvanized steel construction can withstand potential structural damage from water or fungus and will not warp, shrink, creep or rot.

What weight is the Nordframe Steel Frame?

Nordframe Steel Framing is a lightweight structure, about 30% the weight of conventional masonry construction, further reducing time and labour.

Nordframe Lattice Steel Joists:

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.