

Steel doorframes MonoPlus®



MonoPlus® steel doorframes

A Unique Product

Theuma delivers a unique wide range of products. Our Polynorm steel doorframes are made of Sendzimir zinc coated steel sheet in 1 or 1.5 mm thickness. The Polynorm doorframes have a rust inhibiting, oven baked, quality Polyester Powder enamel layer which guarantees low maintenance. The unique and patented wall clamps welded inside the jamb with integrated hinge provision assures a very quick and easy installation.

Time is money

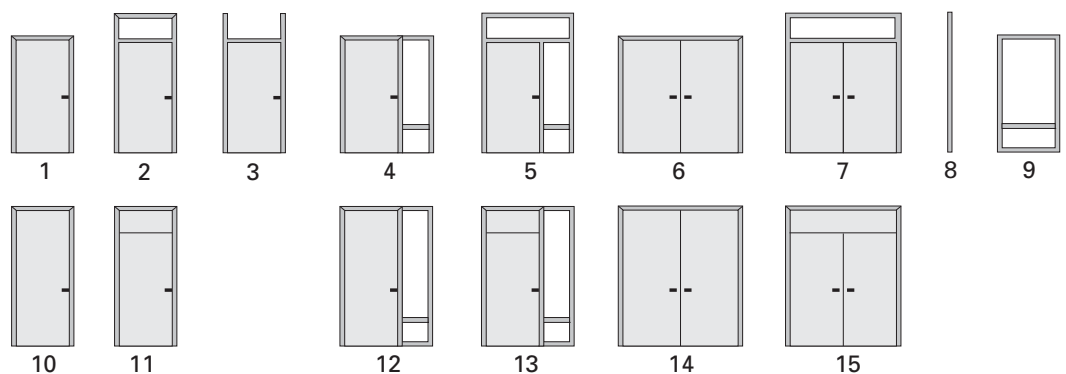
The steel doorframes are delivered in three main parts for quick assembly in prepared wall openings at 2nd Fix stage. Even without any knowledge of doorframes and special fixing tools almost anyone can fit the MonoPlus® doorframes easily and in a very cost effective manner.



Details

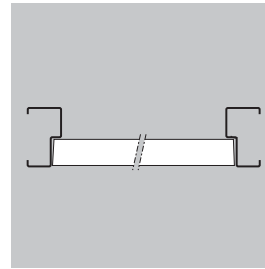
The unique mitre joint connection creates a very stable and solid construction that ensures the whole frame fits firmly onto the wall. The Polynorm MonoPlus® doorframes are suitable for almost any kind of door, including heavy duty doors for use in hotels, hospitals and so forth. Polynorm MonoPlus® is also known for its removable strike plate which can be changed if necessary. The adjustable hinges are directly connected to the wall clamps in the doorframes which creates a very solid overall construction.

Elevations

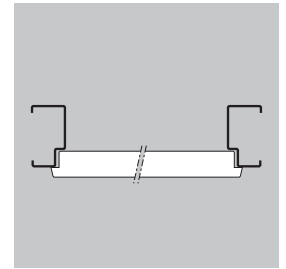


Range

Polynorm MonoPlus® steel doorframes are available for 'Continental' rebated edge and for square edge 'flush' doors.



MonoPlus® Flush (MPS)



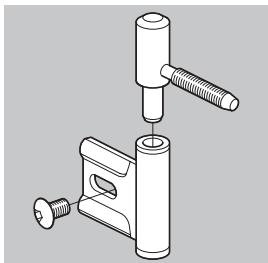
MonoPlus® Rebated (MP)

The MonoPlus® doorframes can be fitted in prepared wall openings in so called dry wall systems, such as metal stud, gypsum blocks, sand lime bricks, etc.

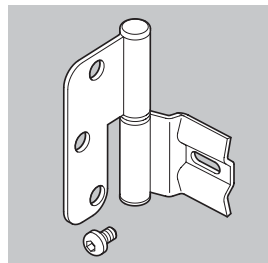
Application

Housing, flats, student and key-worker accommodation, hotels, offices, hospitals and other special applications.

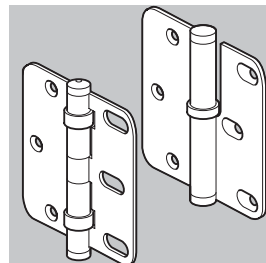
The Polynorm MonoPlus® steel doorframes meet the various requirements of the Building Regulations.



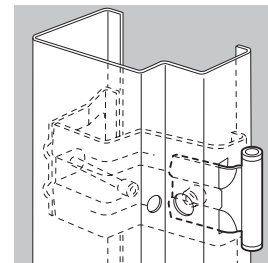
MonoPlus® hinge for rebated frames



MonoPlus® hinge for flush frames 1 mm



MonoPlus® hinges for flush frames 1,5 mm (ball bearing or lift of)



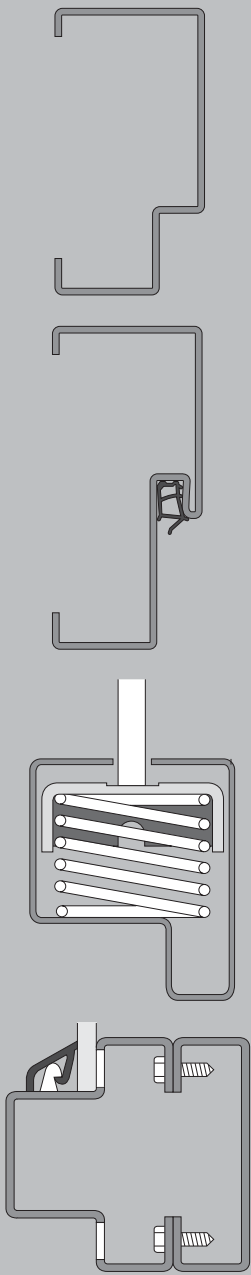
Wall Clamp/hinge detail

Construction

Polynorm MonoPlus® steel doorframes comprise of two jambs and one head. Additional transomes and jambs are provided for a top light over the door or top and side light arrangements. Jambs and heads are shrink wrapped in foil. Small parts such as strike plates, bolts, mitre joints brackets and caps are delivered with the doorframes in separate plastic bags.

Shape and Size

Polynorm MonoPlus® steel doorframes are available in 15 different arrangements (see elevations on page 1), which can be supplied in various different sizes.



Finish

The Polynorm MonoPlus® steel doorframes are manufactured of Sendzimir zinc coated steel sheet which is cold rolled for an extra smooth and closed surface.

Paint Specification : After pre-treatment in 5 phases including application of zinc phosphate a layer of Polyester Powder enamel is applied in the Electro Powder Coating Installation.

Due to this treatment and finish the steel doorframes are protected for many years and do not have to be painted after installation. The frames are available in our standard white colours RAL 9010 or RAL 1013. Other RAL colours can be supplied on request.

Purpose

Polynorm steel doorframes can be obtained in 20, 30 or 60 minute fire rating and with various acoustic performance level. Please contact us for technical advice on your particular requirements.

Backgroup Preparation

Walls, floors and ceilings are prepared according to our guide lines that can be found with our installation instructions in our technical documentation.

All information is also available on our website www.theuma.nl

Maintenance

Polynorm MonoPlus® steel doorframes are maintenance free and can be cleaned with hot water or non abrasive cleaning products.

Sales Outlet: