



# RACKING-UK

info@racking-uk.com

www.racking-uk.com

Storage & Workplace Equipment

**01621 786630**

**ASK US  
TO QUOTE**

# UNI RACK

GENERAL SHELVING

## Uni-Rack Shelving



The most versatile  
shelving system on  
the planet

THERE IS NO  
SPACE TOO BIG  
TOO SMALL  
OR TOO  
AWKWARD!

info@racking-uk.com [www.racking-uk.com](http://www.racking-uk.com)

# UNI RACK ... VERSATILE, TOUGH AND UNBEATABLE VALUE

*Unirack* is designed to meet the ever changing needs of today's storage environment. It is suitable for the construction of single bays through to two and three tier structures up to 12 metres in height.

*Unirack* is a fully adjustable, extremely versatile and adaptable system, allowing reconfiguration with the utmost of ease. From Shelving to Bins, Hanging Garment and Tyre Racking.

*Unirack* major components being open, mesh solid vertical frames and 'Clip In' horizontal storage levels.

*Unirack's* wide range of accessories such as Dividers, Bin Fronts, Lockers, Mobile Ladders, Cladding and Identification Label Holders transform a basic system into a tailor made installation.

*Unirack* vertical frames are of a bolted construction and are available pre assembled, leaving the remainder of the system 'Bolt Free'. All frames use a single vertical length of upright.

*Unirack* comes in a bright zinc plated finish although uprights and beams are available in a range of colours to order.



Depths between 300mm and 800mm. Available in increments of 100mm.

THERE IS NO SPACE TOO BIG  
TOO SMALL  
OR TOO AWKWARD!

[www.racking-uk.com](http://www.racking-uk.com) [info@racking-uk.com](mailto:info@racking-uk.com) 01621 786630



Just a few examples from one system!

*Any height up to 8000mm. Available in one continuous frame.*

**SPECIALS FEATURES**

- Clip together components for ease and speed of assembly
- Extensive range of bay widths, depths and heights to suit every application
- Range of inter-changeable accessories available for total versatility
- Lightweight system combining strength and flexibility with high load capacity and portability
- Multi-tier and floor supporting capabilities
- Bright zinc finish for high protection and reflectability
- Stocks for instant response
- Excellent price competitiveness for best value

*Any bay width between 900mm and 1800mm. Available in 300mm increments*



**TYRE RACKING**



**MULTI-PURPOSE**



**ARCHIVE**



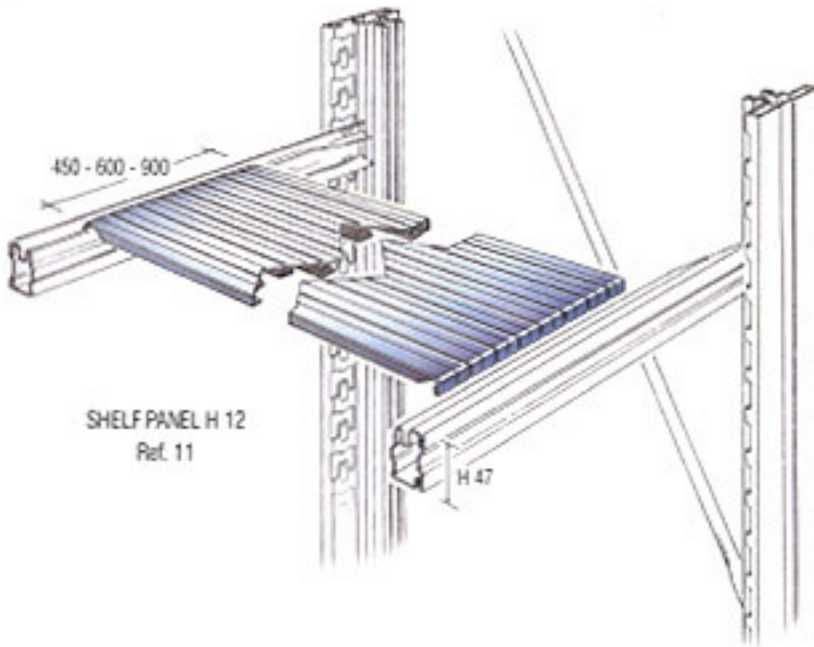
**HANGING RAILS**

**info@racking-uk.com 01621 786630**

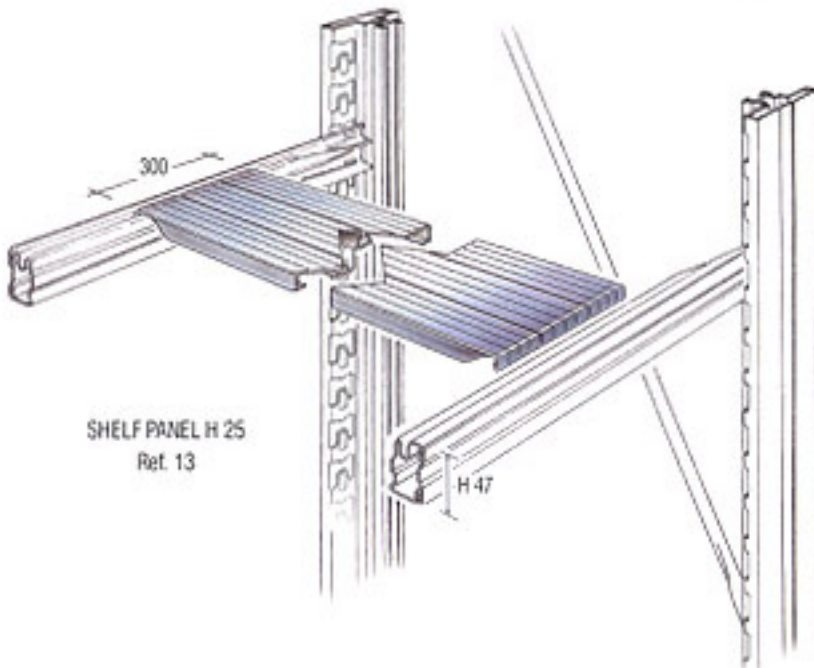
**ASK US TO QUOTE**

## Shelves H12 and H25

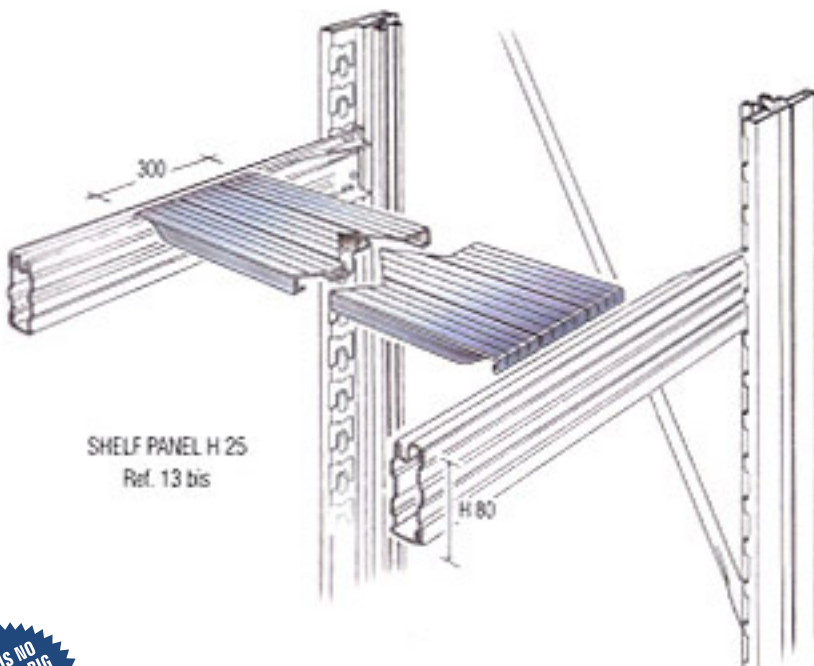
Shelves of profile 12 mm, 450-600-900 mm wide, are produced in depths varying from 320 to 700 mm (Ref.11). Shelves of profile 25 mm and 300 mm wide are supplied in depths varying from 400 to 800 mm (Ref.13).



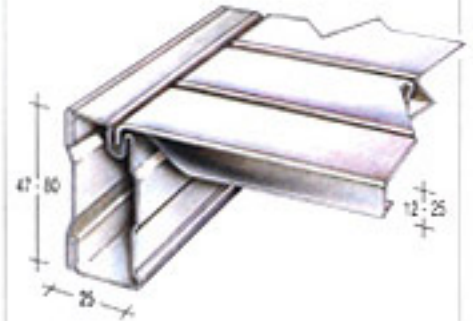
SHELF PANEL H 12  
Ref. 11



SHELF PANEL H 25  
Ref. 13



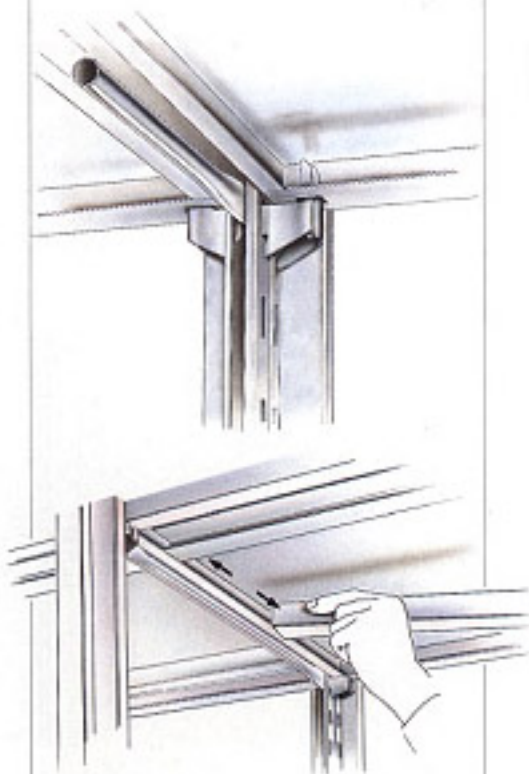
SHELF PANEL H 25  
Ref. 13 bis



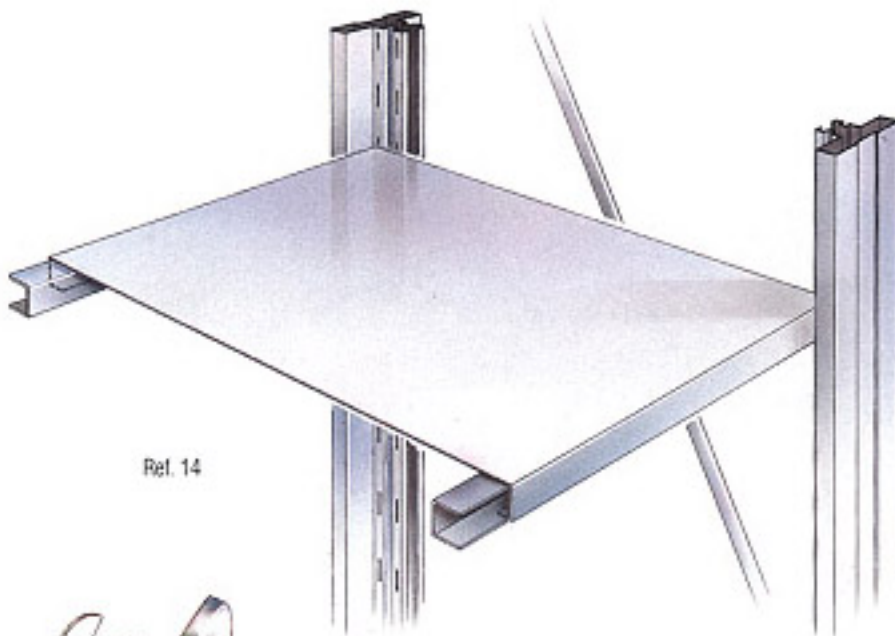
THERE IS NO  
SPACE TOO BIG  
TOO SMALL  
OR TOO  
AWKWARD!

## Solid shelves

The solid shelves H30 mm are located on four shelf clips as shown below. Shelf levels are adjustable in 50 mm increments.



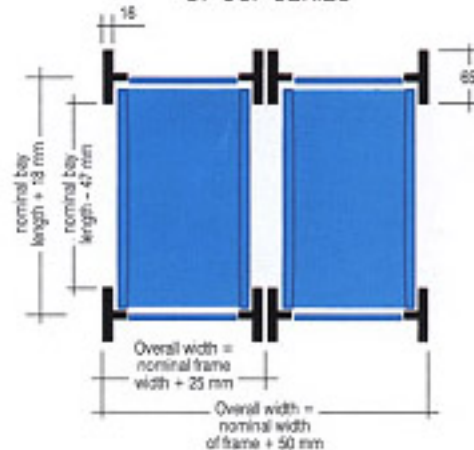
Solid shelves H30 mm can be used on uprights of the USP series only. It is possible to add two reinforcers to increase the load capacity of the shelf (Ref.14). Reinforcers must be located against the two edges of the shelf.



Ref. 14

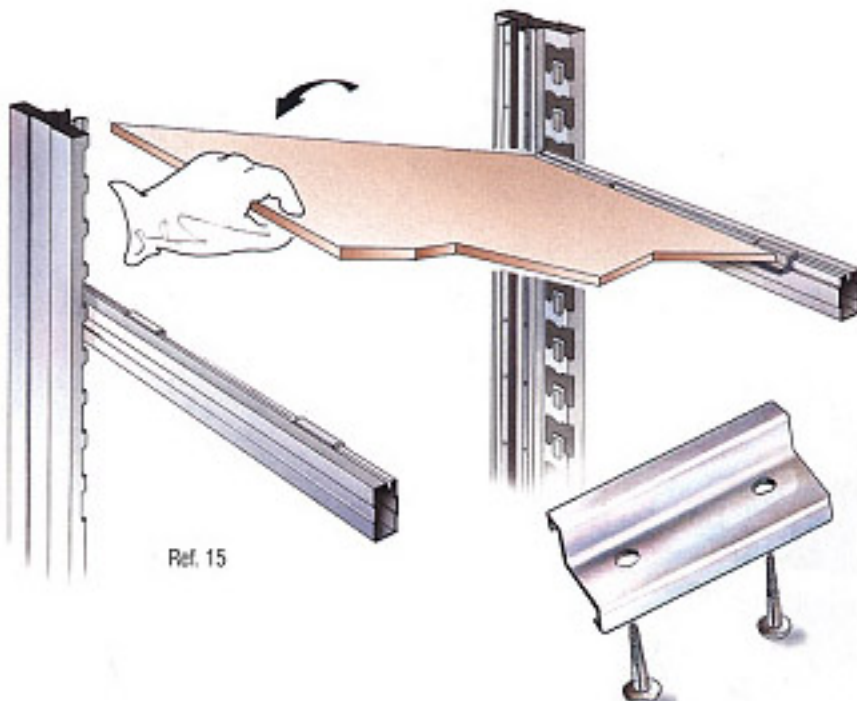
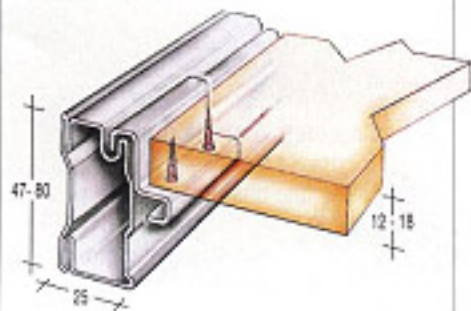


### DIMENSIONS FOR THE DESIGN OF USP SERIES



## Chipboard shelves

Chipboard shelves of thickness 12 or 18 mm can be fitted using the clips shown at right (Ref.15).



Ref. 15

**ASK US  
TO QUOTE**

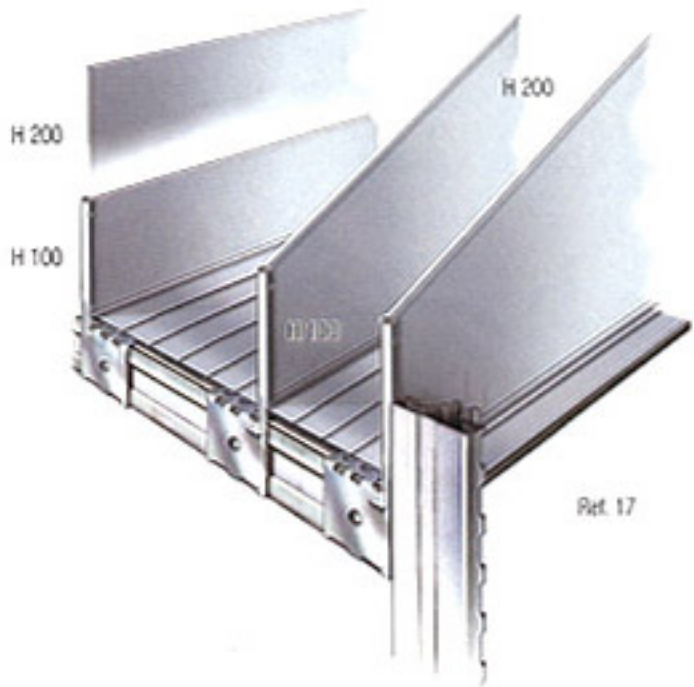
# DIVIDERS

A large range of dividers is available.

## Vertical sliding dividers

These have been designed to separate loose items (Ref. 17).

The concept of these dividers is based on the following components: a couple of clips (version at right/at left), and vertical dividers, available for all frame depths and in two different heights (H=100mm / H=200 mm), as well as in the profiled version (H200/100 mm).



## Shelf trays

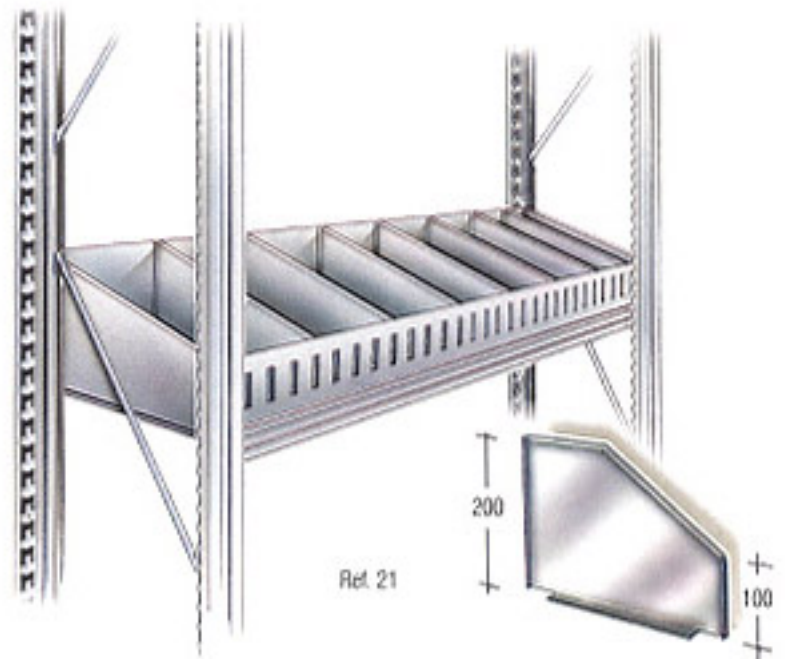
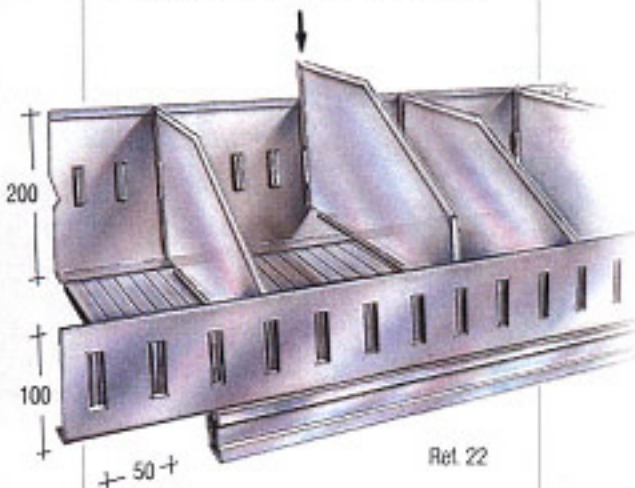
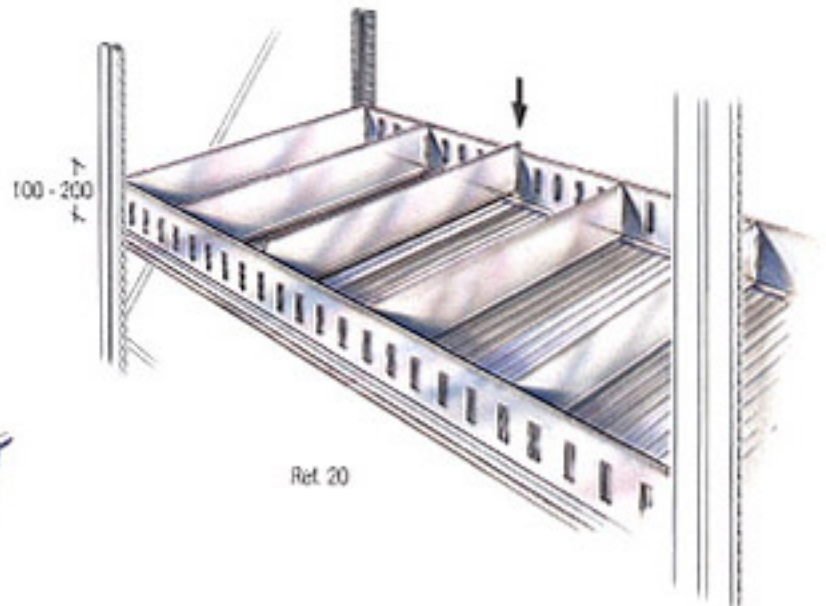
These comprise a bin front and rear panel 100 mm high placed on a normal shelf with adjustable dividers from 320 to 800 mm in depth (Ref. 20). Bin front panels 100 mm high and rear panels 200 mm high are fitted with profiled dividers (Ref. 21/22).

## Chest of drawers

The modular drawers are fully integrated with the UNIRACK series and are located directly on the frames.



The drawers provide a cost effective solution for the storage of small items.



THERE IS NO SPACE TOO BIG TOO SMALL OR TOO AWKWARD!

# ACCESSORIES

## PVC top caps

Should be fitted always to the upright top, both when supporting handrails and normal shelves (Ref.26).

## Oval shaped tubes and beams

The oval shaped beams and tubes are compatible with most types of hanger and provide a cost effective solution to garment storage and for hanging loads (Ref. 27/28). The garment hanging shelving can be designed on a single or double entry basis and equipped with shelves as well (see pictures).

The oval tubes fitted onto the spacer bars alone will not stabilise the structure in the horizontal plane and have to be combined with beams above and below.



## Tyre Storage

The oval shaped beams can also be used for the storage of tyres (see pages 8-9). In this case, please refer to the technical handbook to identify correct use and respective load bearing capacity, as tyre storage introduces dynamic loads into the structure. In the case that the tyres will be stored on H-47-mm beams, it is obligatory to use the US-M series for the frames and the SUPER-3 version of the beams.

Maximum allowed bay length: 1200 mm.  
Maximum allowed frame depth 400 mm, to ensure safe storage and prevent torsional deflection of the beams.



## Plastic strip for glass shelves

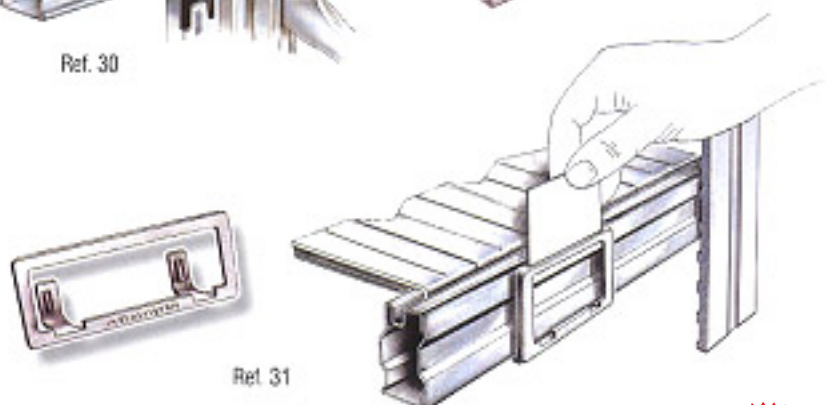
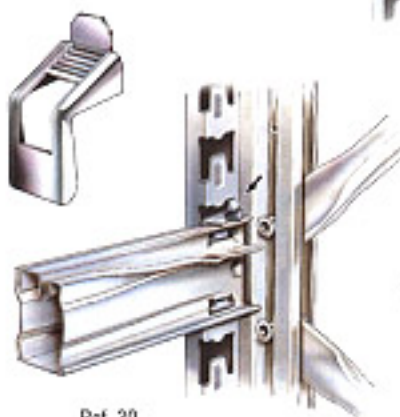
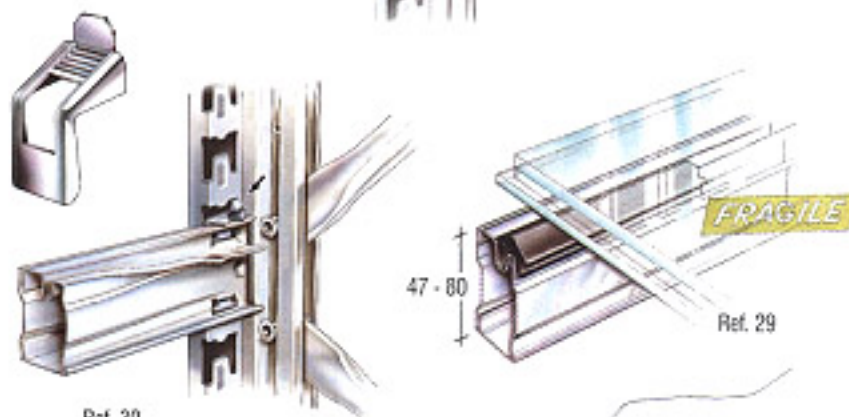
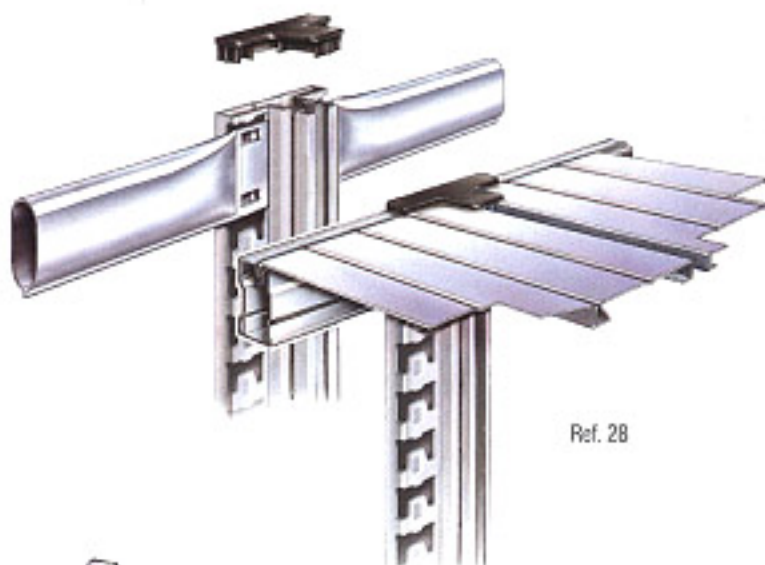
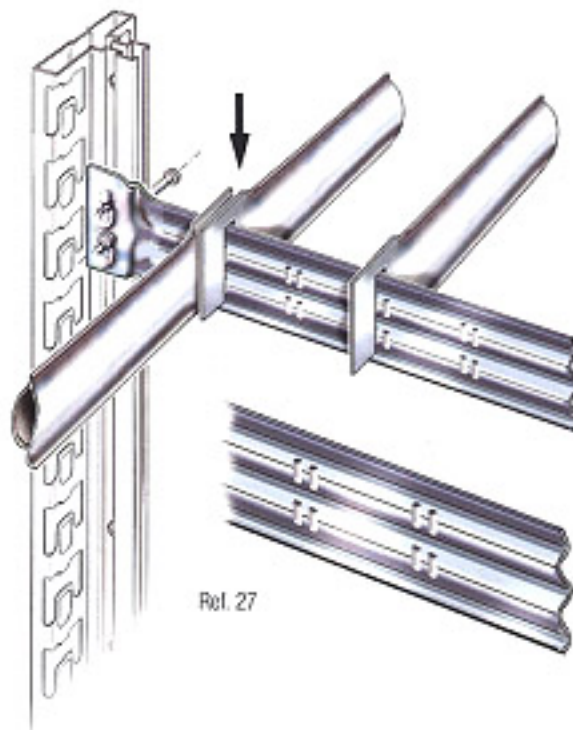
It can be fitted on the beams H47/H80 in order to protect glass shelves or delicate materials. (Ref. 29).

## Security pins

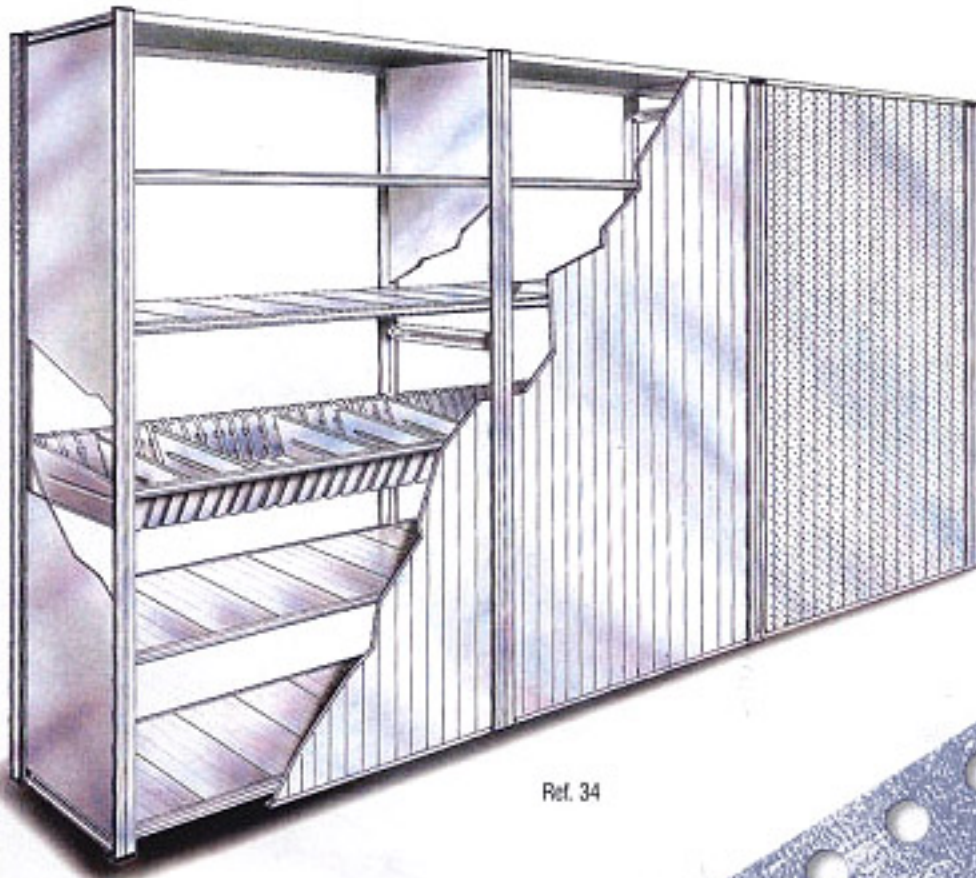
In order to prevent accidental lifting of the beams and shelves, the security pins must be used in all applications (Ref.30). Assembly instructions as per the sketch at right.

## Label Holder

It can be located in any position on both H47 and H80 beams. Dimensions 100x40 mm. (Ref. 31).



ASK US  
TO QUOTE

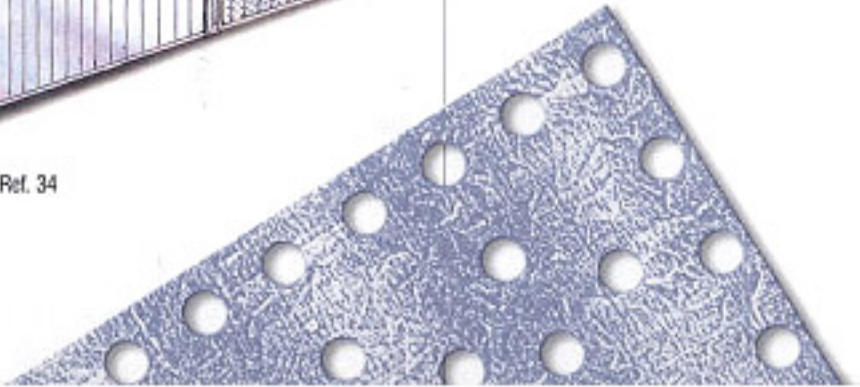


Ref. 34

## CLADDING H25

Back panels H25 are produced in two standard sizes (300x25 mm and compensation panels 240x25 mm) and in varying heights of 1485-1940-2480 mm.

Back claddings in any dimension can be built up in a modular form, using channel profiles "U" (art. nr. 69800) and "H" (art. nr. 69803) as end and middle joints (Ref.38). In the case of the standard modular back panels being lower than the respective frame, "H" section profiles may be used at the bottom of the panels, to achieve equal height (Ref.38).



THERE IS NO  
SPACE TOO BIG  
TOO SMALL  
OR TOO  
AWKWARD!

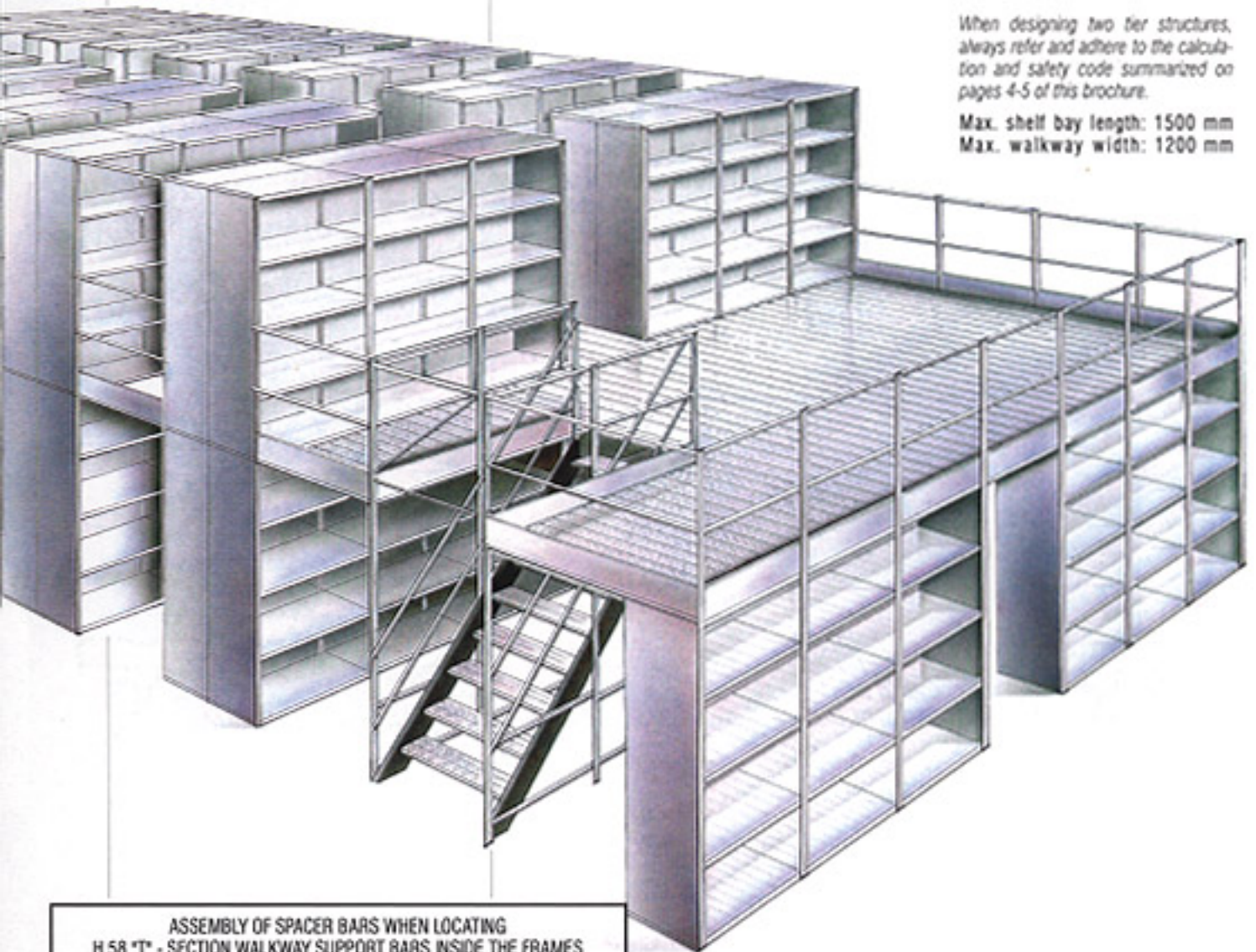
**TWO TIER STRUCTURES WITH  
SUSPENDED WALKWAYS USM-USR**  
(max. load bearing capacity = 300 daN/m<sup>2</sup>)

Two tier structures, even varied and complex have been designed and perfected by METALSISTEM combining light with high strength, in the METALSISTEM tradition.  
Two tier structures up to a height of 8000 mm can be designed.

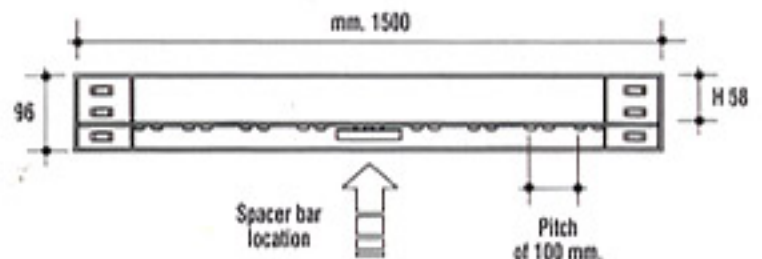


When designing two tier structures, always refer and adhere to the calculation and safety code summarized on pages 4-5 of this brochure.

Max. shelf bay length: 1500 mm  
Max. walkway width: 1200 mm



ASSEMBLY OF SPACER BARS WHEN LOCATING H 58 *T* - SECTION WALKWAY SUPPORT BARS INSIDE THE FRAMES	
L 900 :	NO SPACER BAR
L 1200 :	ONE SPACER BAR AT THE CENTRE
L 1500 :	ONE SPACER BAR AT THE CENTRE
NOTE: ● The spacer bars connecting the "T"-walkway support bars must be ordered in a special length (10 mm narrower than those used to assemble the standard frame). ● When building staircases, customers should fit one spacer bar under each stair tread. ● The load bearing capacity of the H58-T-section walkway support bars are stated in the technical addendum.	



**ASK US  
TO QUOTE**