

Xero Twin P/L

Assembly and operating instructions

visplay

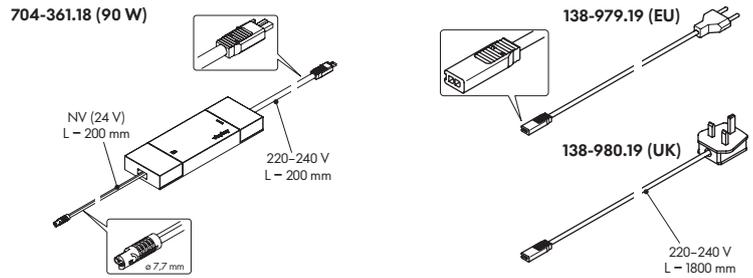
play it smart

TECHNICAL DATA SHEET XERO TWIN P/L

Converter 24 V for electrified profile

Converter 90 W with input voltage 220–240 V / mains frequency: 50–60 Hz / electronic protection against overheating and short-circuit.

- Mains connection with connector for mains cable
- Nominal voltage = 24 V / SELV
- Safety class 2

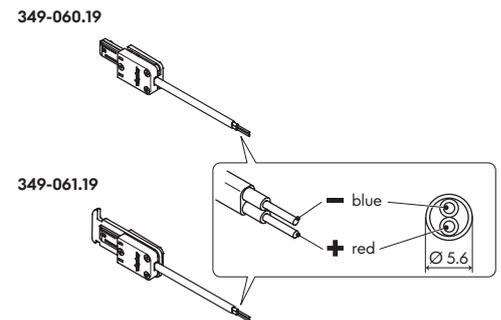


Single power adapter 24 V

Single power adapters can be used with the Xero L P/L and Xero Twin P/L systems. Low voltage lighting may only be connected by trained personnel.

If multiple adapters and appliances are used, their total power consumption may not exceed the specified nominal current or fuse rating. The permissible nominal voltage and nominal current are also limited according to the adapters used (see printed label and safety information).

Permissible nominal current max. 4 A.



Product safety

Xero Twin P/L electrification in detail: conductor rail with power supply, integrated into system support profile.

Correct functioning and safety are guaranteed when properly used. No liability is accepted in event of improper use. Product safety is based exclusively on the use of original Xero Twin P/L accessories from Visplay.

No alterations may be made, for safety reasons; the only exception being the shortening of profiles from the upper side.

The safety instructions of the assembly instructions must be followed as well as the instructions on the labels of the individual parts.

The indicated nominal current (max. 7 A) may not be exceeded.

In event of improper use or cleaning with liquids, a risk of electric shock exists due to possibly exposed live parts. Always disconnect from power before cleaning or servicing.

If rails or adapters exhibit visible signs of damage, disconnect them immediately and inform your service technician.

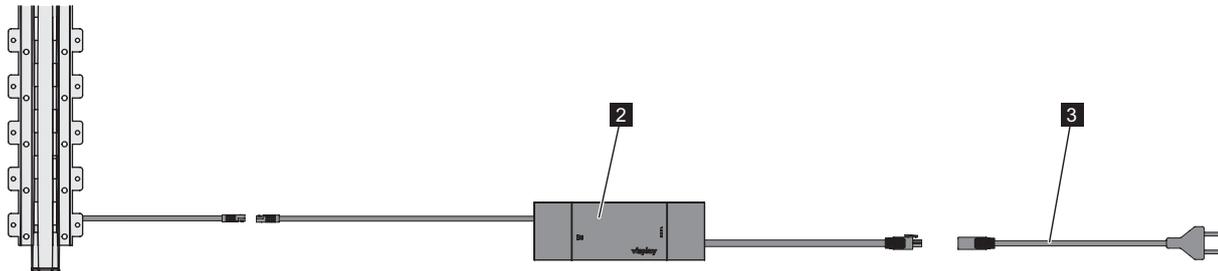
! Only use Xero Twin P/L system accessories! Do not use any other parts.

The user is responsible for ensuring that any connected equipment is electrically, mechanically and thermally compatible with the conductor rail.

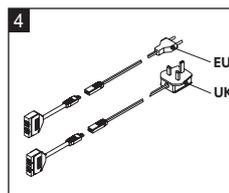
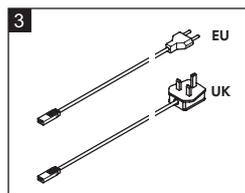
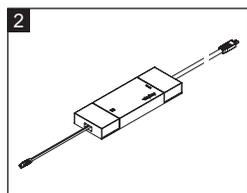
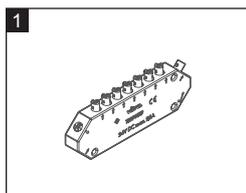
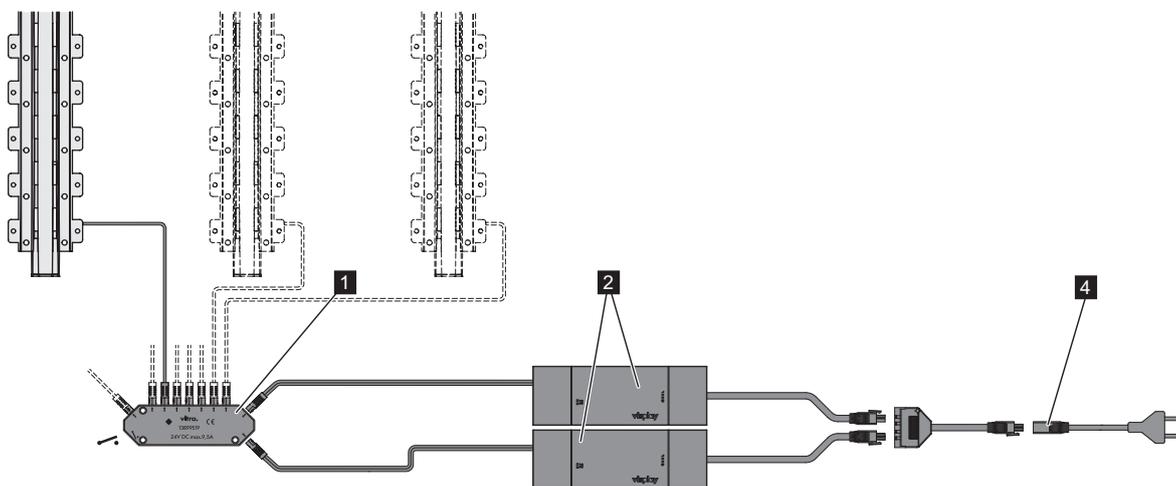
Visplay connection system

⚠ Check the power consumption of electrical appliances! The power consumption of all electrical devices should be below the nominal output rating of the converter. It is generally recommended to factor in a power reserve for additional electrical devices.

Powering with 90 W transformer

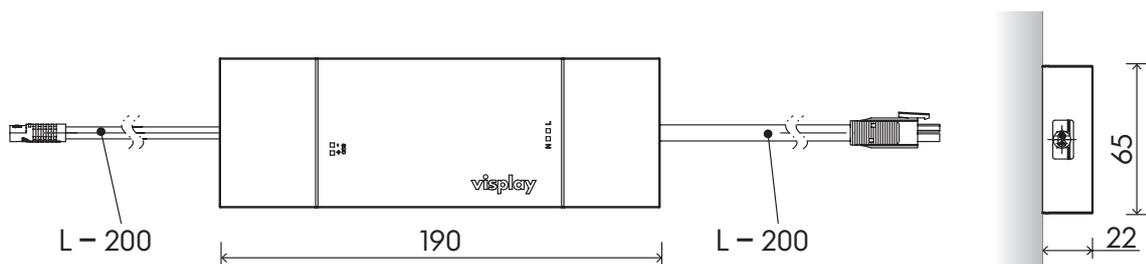


Powering with 2 x 90 W converters (max. 180 W)



- 1 Visplay 24 V distributor, 8 way
- 2 Visplay LED transformer
- 3 Visplay mains cable 220-240 V
- 4 Visplay 220-240 V distributor, 4 way

Dimension of 90 W LED transformer



Assembly dimensions / Layout

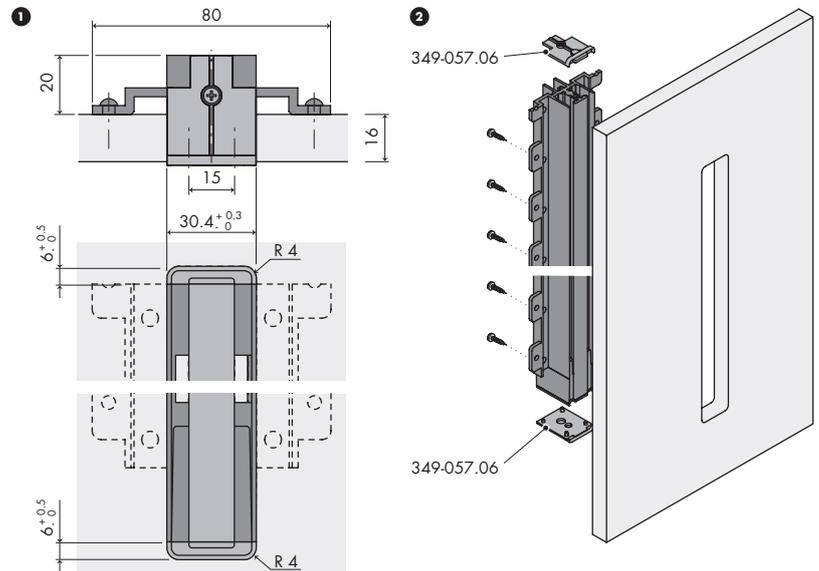
Xero Twin P/L Aluminium profiles can be screwed on panels or various substructures on the wall. The accessories from Xero Twin P/L and Xero 8 can be used.

! Please observe the indications concerning weight loading and ensure that the substructure of the wall units/furniture and their fixtures can support the expected loads.
With free-standing furniture, ensure that there is sufficient stability even with the intended merchandise supports.

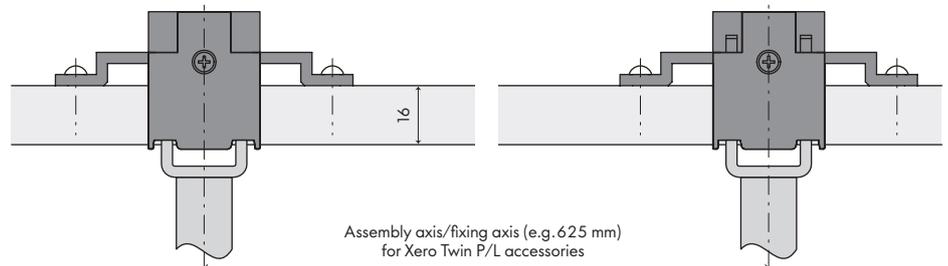
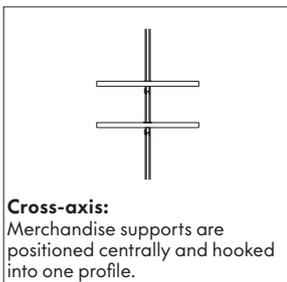
Assembly in wooden panels

Wooden panels on to which Xero Twin P/L is to be fixed, must be countersunk as follows: (1).

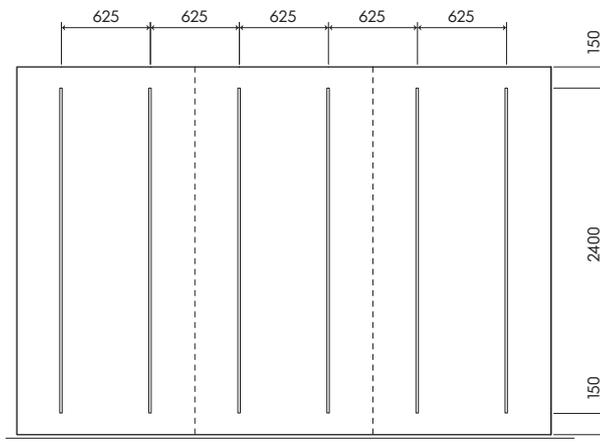
Screw the profile Xero Twin P/L on to the panel from the rear.
Fix the profile caps 349-057.06 to the top of the profile and to the bottom of the power supply, before the profile is installed to the panel (2).



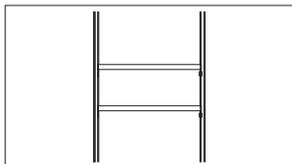
Assembly dimensions: Xero Twin P/L profile screwed on to countersunk wooden panels from the rear / cross-axis



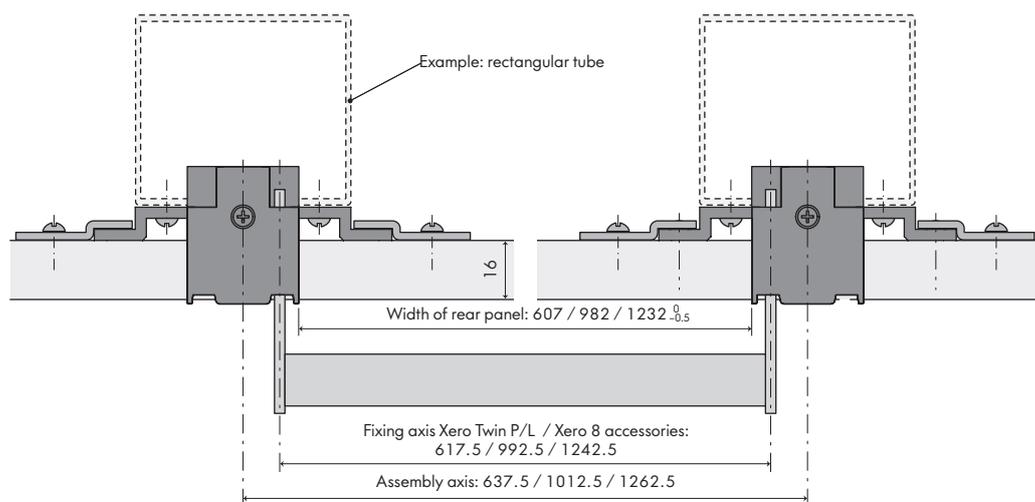
Recommendation for profile axis with Xero Twin P/L accessories.



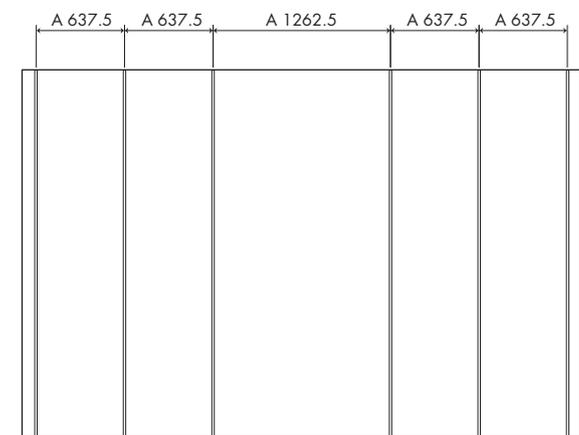
Assembly dimensions: Xero Twin P/L profile screwed on to substructure and rear panels attached from the front / fixed axis distance



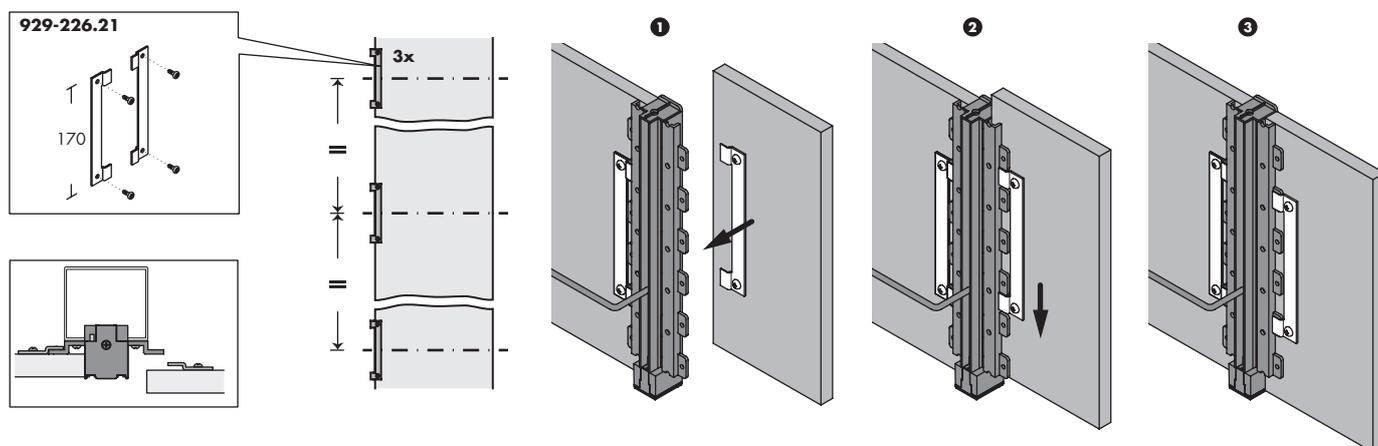
Fixed axis distance:
Merchandise supports are hooked into two profiles (axis 617.5 / 992.5 / 1242.5 mm).



Recommendation for profile axis with Xero Twin P/L and Xero 8 accessories.

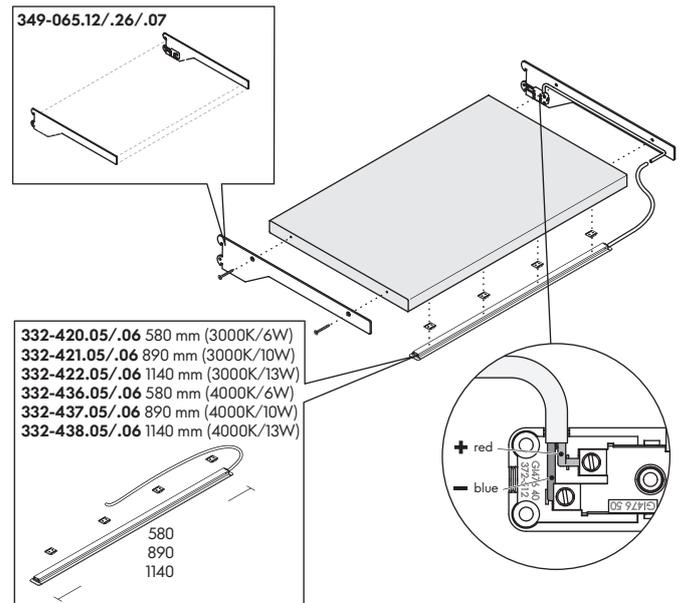


Inserting the panels into Xero Twin P/L profile



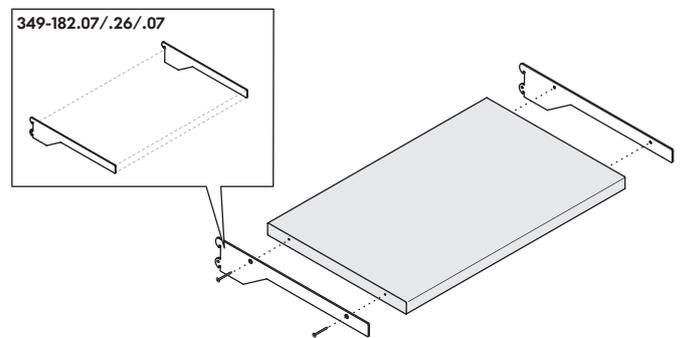
Wooden shelf for brackets with single power adapter

Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 229-120



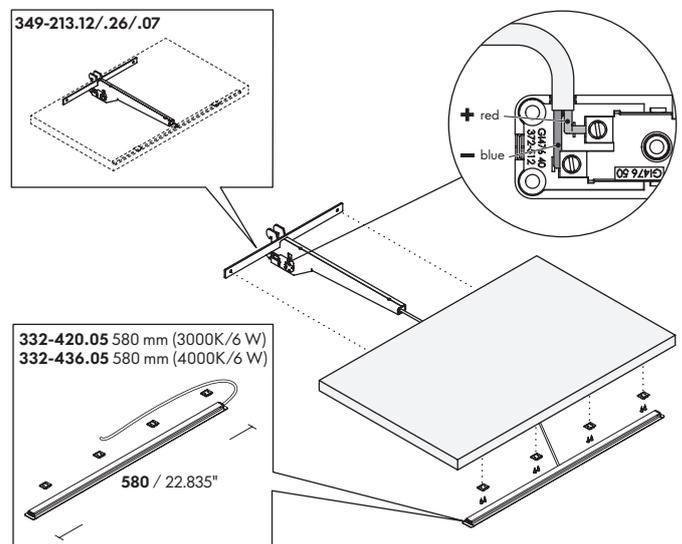
Wooden shelf for brackets

Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 252-821



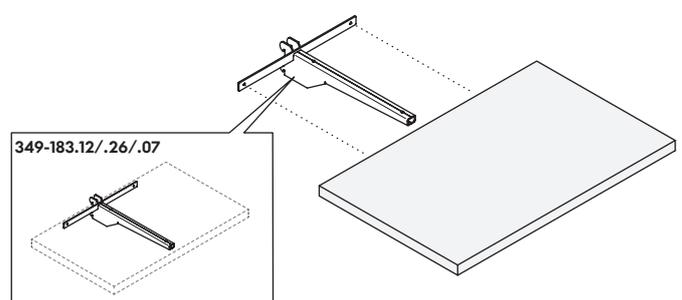
Wooden shelf dimension for support bracket with single power adapter

Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 247-841

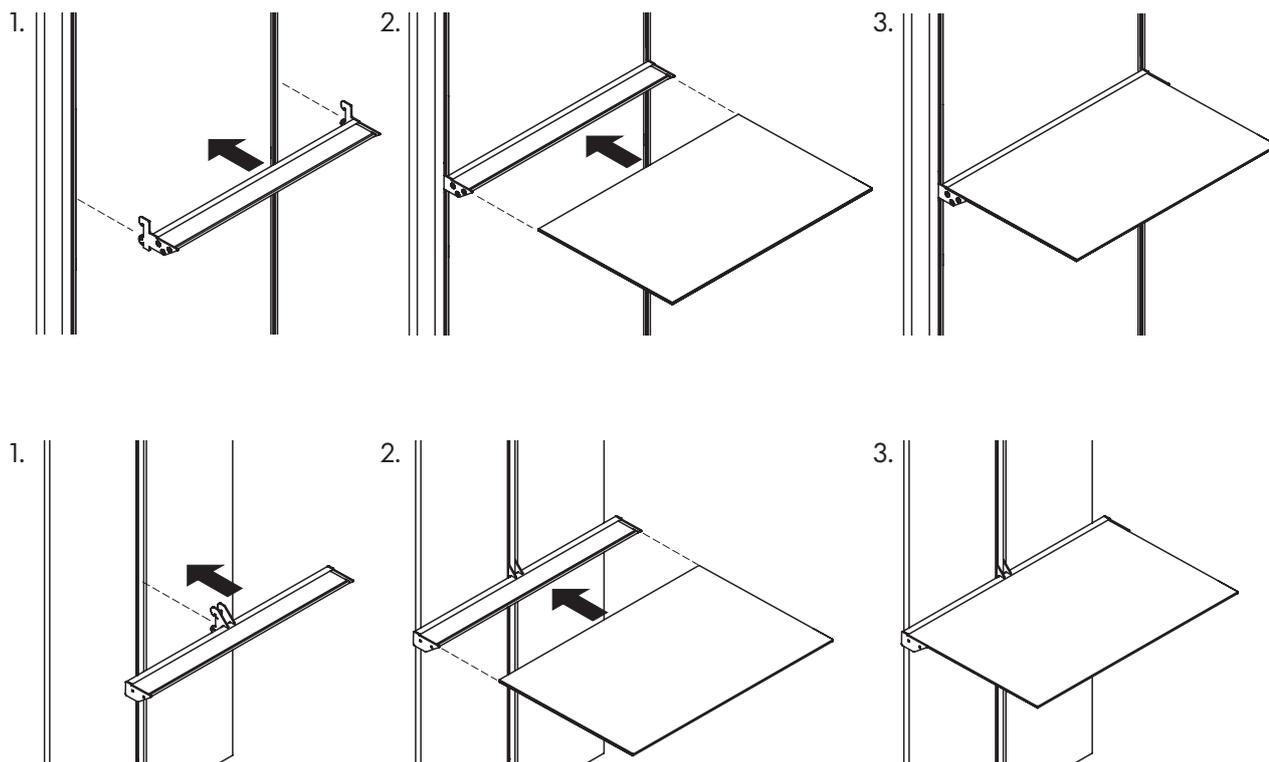


Wooden shelf dimension for support bracket

Production drawings of wooden shelves are available for downloading on www.visplay.com or can be received on request. Drawing no. 252-820



Attaching the glass shelf



ⓘ The merchandise support has a slight slope (approx. 2°)

Weight loads

ⓘ The indicated weight loads are always based on the total weights of the merchandise support and goods. Please note that max. permissible load decreases as the merchandise support increases in length. Please note that the inclination of the merchandise support changes with an increase in load. Different weights on the merchandise supports result in an uneven overall appearance of the goods display. Please note that the weight limit can be reduced considerably when mounting in glass and sheet metal. The max. permissible load of the Xero Twin P/L depends on the nature of the wall, the number of fastening points as well as the fastening material used. All fastening points are to be used in event of a maximum weight load. Please also observe the weight loads indicated in our sales documentation.

Max. load

Profile	per 1000 mm	100 kg
Glass shelf with/without LED lighting		25 kg
Brackets with/without single power adapter 24 V for wooden shelf		25 kg
Support bracket with/without single power adapter 24 V for wooden shelf		25 kg
Fixing set		20 kg
Front arm, straight 30 x 15 mm		25 kg
Hanging rail 30 x 15 mm, 600 mm, T-Arm		25 kg
Support bracket 25 x 4 mm for wooden or glass shelf		25 kg
Bracket 30 x 5 mm for hanging rail 30 x 15 mm		25 kg
Bracket 30 x 5 mm for wooden or glass shelf		25 kg
Clamping bracket for glass shelf		15 kg

visplay

www.visplay.com

info@visplay.com