

Easy Install Retaining Wall With H Steel Post

Install Retaining Wall with H & C Steel Pos

Step one: concrete the end posts



Excavate two 550mm deep holes for the end post. Pour in concrete to 600mm from the top, use a spirit level to check for plumb in both directions then check the post is the right height. TIP A 20KG bag of cement, mixed with gravel and sand fills three holes.

Step two: install the joiner posts



Set up a stringline to use as a guide then position a base sleeper in each end post. Position the joiner posts then dig 550mm deep holes and concrete them into position using a spirit level to plumb. Aligning them with the stringline and leaving to dry.

Step three: Building the corners



Position and concrete the corner posts. Using a builder's square to install the sleepers at 90 degree to the wall. TIP to building steps later we added a 1200mm deep and 2400mm wide recessed area. Incorporation four corner posts.

Step four: Slot in the sleepers



Position the base sleepers, leveling and packing them to leave exactly 400mm of post above then install the middle and top rows. TIP check the height of the top sleeper matches the post so the capping sits flush along the wall.

Step five: Install the drainage



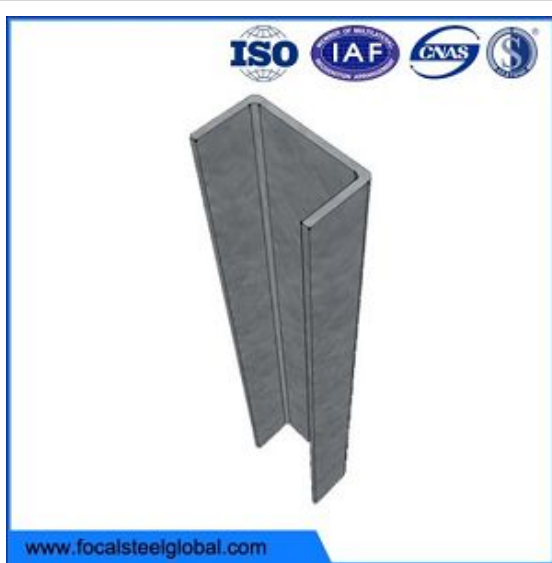
Position geotech filter cloth behind the wall and fold it over the sleepers. Install 20m of 100mm pipe with clear exits at the ends then cover with 20mm gravel to 300mm deep folding the cloth back to separate the drainage and backfill.

Step six: Add capping and finish



Square cut and mitre the capping, apply construction adhesive to the ends and secure to the sleepers with 75mm*14g galvanized bugle screws then used a router with a round over bit to remove splinters and trim the edges. Apply two coats of decking stain.

END POST



SIZE: 50MM 75MM

LENGTH:1200MM 1500MM

1800MM 2000M 2100MM

2400MM 3000MM 3600MM

4200MM

SURFACE TREATMENT: HOT

DIPPED GALVANISED WITH

AVERAGE ZINC LAYER

THICKNESS OF 85UM .

JOINER POST



SIZE: 50MM 75MM

LENGTH: 1200MM 1500MM

1800MM 2000M 2100MM

2400MM 3000MM 3600MM

4200MM

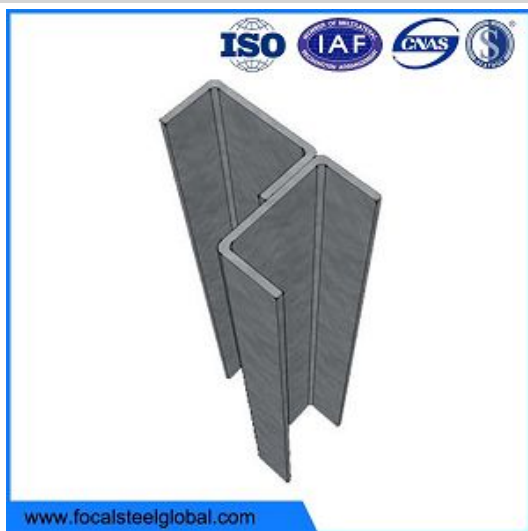
SURFACE TREATMENT: HOT

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CORNER POST



SIZE: 50MM 75MM

LENGTH: 1200MM 1500MM

1800MM 2000M 2100MM

2400MM 3000MM 3600MM

4200MM

SURFACE TREATMENT: HOT

DIPPED GALVANISED WITH

AVERAGE ZINC LAYER

THICKNESS OF 85UM .

Contact Us

YANTAI AOXIN INTERNATIONAL TRADE CO.,LTD

Add: HUANGSHAN ROAD No.90 ETDZ, YANTAI CITY,

SHANDONG PROVINCE, CHINA

Tel: +86-535-6371758

+86-535-6370829

Fax: +86-535-6396529

E-mail: altrosteelhouse@hotmail.com