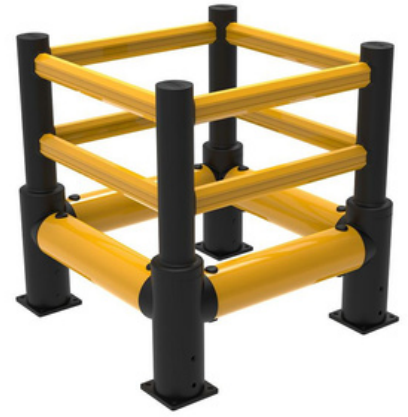
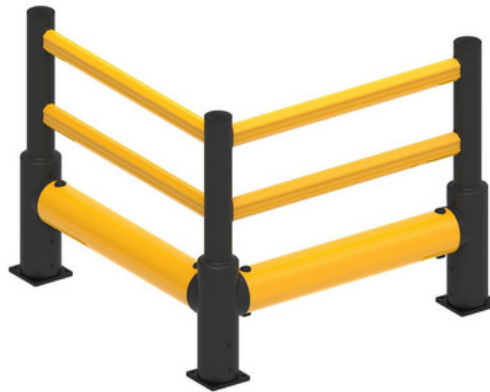


Impact Poly Barrier System



The Impact Recovery Barrier is designed to protect pedestrians from moving vehicles and workplace hazards, both indoors and outdoors.

It is a robust protection system that withstands collisions from various vehicle types. Primarily aimed at ensuring the safety of warehouse workers, it creates a secure zone and shields them from forklift accidents.

Features:

Internally strengthened structural ribs with secondary cushioning elastic technology

Base with built-in industrial rubber buffer, secured with special bolts

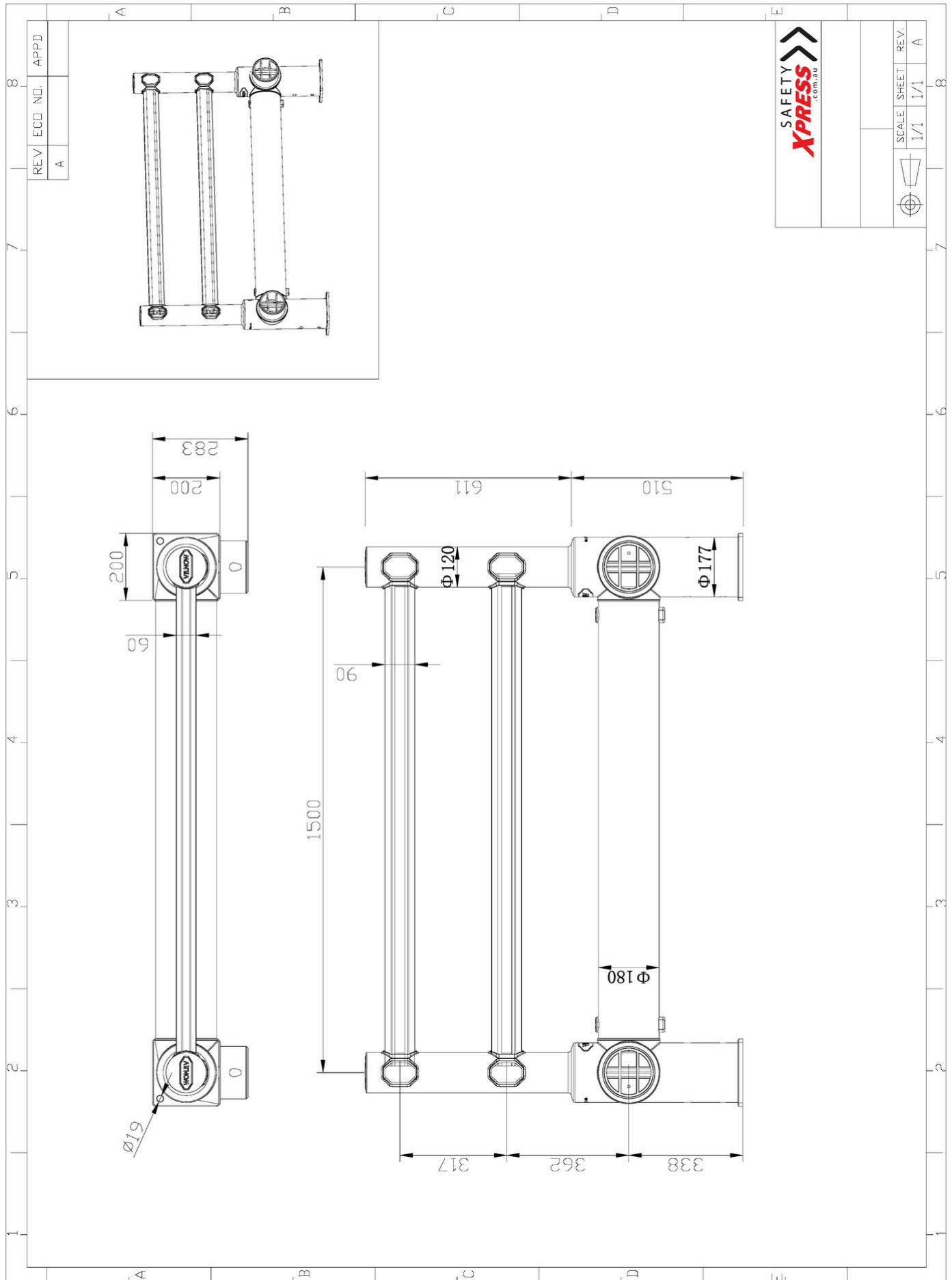
Energy-absorbing shell to mitigate vehicle impact.

Specifications:

Description:	Impact Poly Barrier System (components sold separately, build to your required size)
Material:	Polymer + rubber + metal
Length:	Standard 2000mm (or build to your required size)
Height:	1120mm
Post Diameter:	Bottom Section: 180mm Upper Section: 120mm
Beam Diameter:	Round Beam: 180mm Corner Beam: 90mm x 60mm (hexagon) Straight Beam: 90mm x 60mm
Absorbable Impact Energy:	3814 Joules (2064kg vehicle at a speed of 7.1km/h)
Colour:	Posts: Black Beams: Yellow
Warranty:	2 years



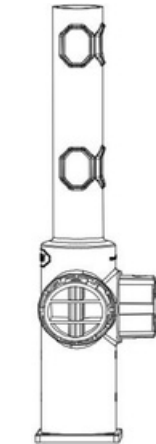
Technical Drawing



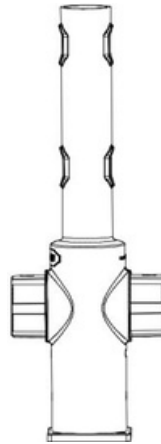
Parts



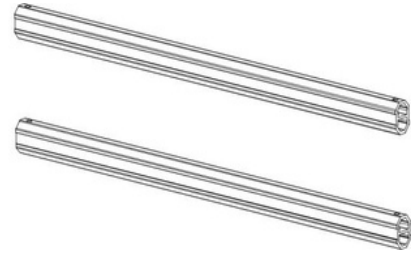
End Post
(IPBEP)



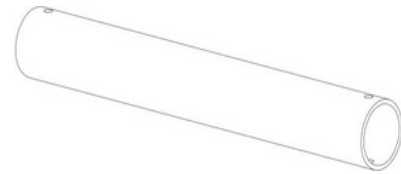
Corner Post
(IPBCNRP)



Middle Post
(IPBCP)



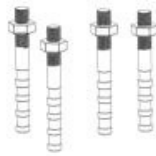
90mm x 60mm Straight Beam
(two pieces)



180mm Round Beam (one piece)



Crossbar latch



M16 Bolts
(Four pieces)



Upper Crossbar



Cover

Tools Required



Electric Drill



Electric Wrench



Level Ruler



Rubber Hammer



Tape Measure



M18 Drill



M16 Sleeve



Marker Pen



Hole Cleaning Brush

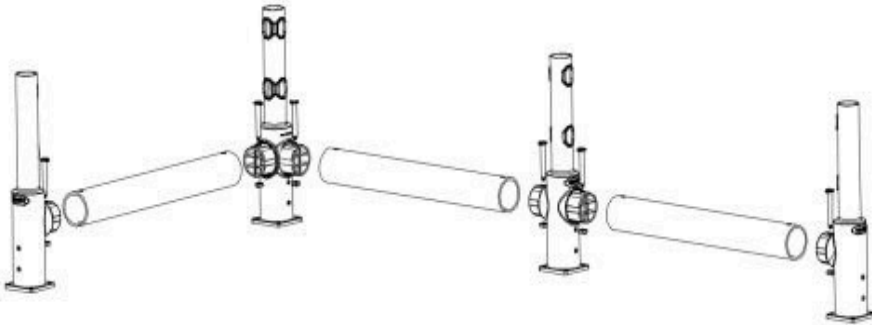


Glue



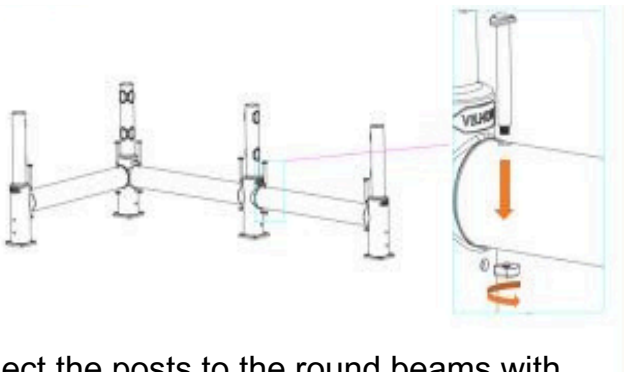
Installation Method

1



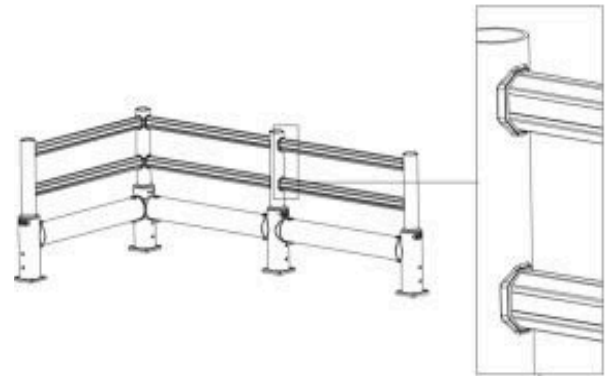
Arrange the posts in the specified positions, and insert the 180mm round beam into the bottom post holes.

2



Connect the posts to the round beams with pins.

3



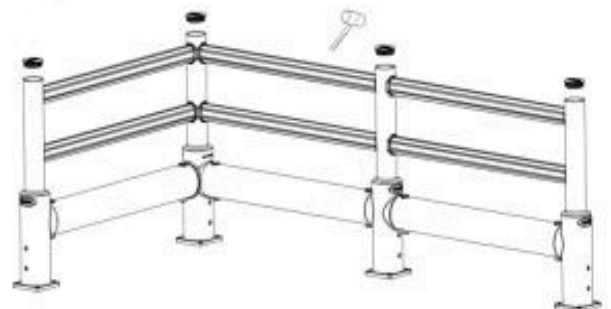
Insert the upper two straight beams into post holes.

4



Fix the upper beams to the posts with the upright bar.

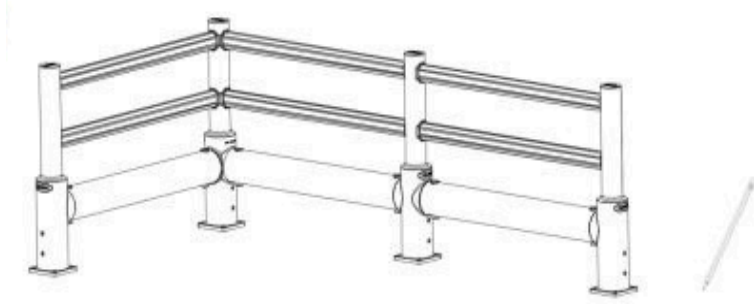
5



Use the rubber caps provided to cover the top of the posts.

Installation Method

6



Assemble the products in the location of where it needs to be installed and mark the punching position with a marker pen. (After marking, move the product to the side.)

7



Ensure that the hole depth is not less than 160mm according to actual needs. Hole diameter is 25mm

8



Clean the dust out of the holes.

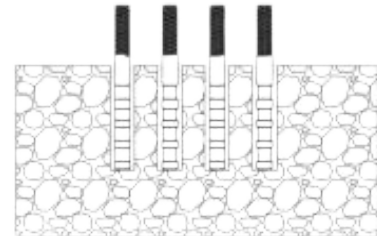
9



Each mounting hole should be filled 3/4 with glue.

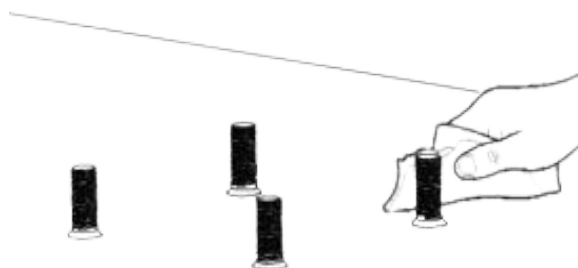
Tip: We recommend using Hilti RE100 and Fischer 390S Glue.

10



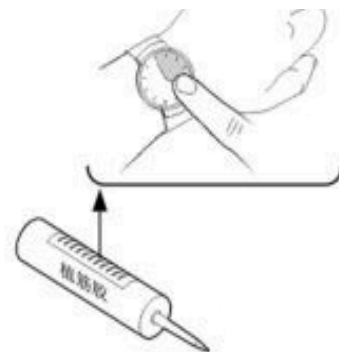
Fix the bolts inside the holes.

11



Clean up the overflowing glue from the surface.

12



The setting time for the glue is 12 hours. Ensure to insert the rail into the bolt before the glue solidifies.



Installation Method

13



Use a level to adjust to the correct size, use an electric wrench to fix the nuts. (The torque should be adjusted to about 300N.)

Completed Assembled Barrier

