

Welded steel frames

The welded steel frames from the “CS” series are designed to be installed before the construction of the interior partitions. They offer an increased durability allowing a greater longevity.

“CS” SERIES

- The welded steel frames from the “CS” series are manufactured using 18, 16, 14 or 12 gauge galvanized steel;
- The mitred corners are welded using one of the 2 methods:
 - Standard > the joints are welded by carrying out a continuous weld bead only on the inside faces of the mitred corners.
 - Optional > the joints are welded by carrying out a continuous weld bead on the inside of the entire frame profile.
- All welded corners are ground smooth and primed to achieve a good looking finish;
- The steel frames have two temporary spreader bars welded at the base of the frame. They have six frame anchors adapted to various types of wall constructions and two floor anchors;
- The single openings have three rubber bumpers per strike jamb and the double openings have two rubber bumpers on the head;
- The frames are prepared to receive the hinges and the strike as specified in the knockdown frame section;
- The hinge reinforcements are protected by mortar boxes when they are installed in concrete block walls.

These frames are available with a 20, 45, 90 or 180 minute fire rating. The hardware preparation and location is in accordance with the standards of the “American National Standard Institute”.



ILLUSTRATION:

- 1- 10 gauge angular hinge reinforcement
- 2- ANSI A115.1 strike preparation (ASA)
- 3- Floor anchor (ATT #3)
- 4- Masonry wall anchor (ATT #5)
- 5- Existing wall anchor (ATT #6)
- 6- Steel stud anchor (ATT #8)
- 7- Masonry wall anchor (ATT #4)
- 8- Wood stud anchor (ATT #7)
- 9- 10 gauge hinge reinforcement

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SEVERAL TYPES OF ANCHOR:

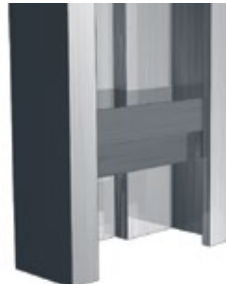
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N.B.: Other hardware preparations are also available upon request.