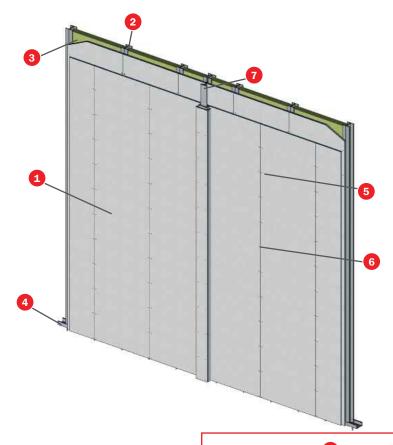


# 5.4 TECBOR® A 15+15 - EI 120 INDEPENDENT WALL LINING



### **TEST**

Standard: UNE EN 13501-2 Laboratory: CIDEMCO Test N°: 19319-1/2-M1

## **SOLUTION**

- 1 Tecbor® A 15 mm boards
- 2 70x36x0,6 mm double stud H-shaped
- 3 60 mm (30+30) and 100 kg/m<sup>3</sup> density rock wool
- 4 73x30x0,5 mm runner
- 5 3,5x35 mm selt-tapping screw
- 6 Tecbor® joint paste
- Metal profile

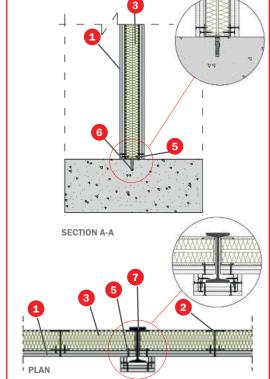
### **DESCRIPTION OF ASSEMBLY**

Attach 73x30x0.5 mm runners and assemble 70x36x0.6 mm studs every 610 mm. Fill in frame with 60 mm (30+30 mm) and 100 kg/m³ rock wool panels.

Attach both **Tecbor® A** 15 mm board layers with 3.5x35 mm self-tapping screws every 200-250 mm alternating the layers.

Use **Techor® joint paste** in screw heads and between boards.

Upon running the test, a 0.6 mm thick galvanised



sheet was mounted on the unexposed surface, fixed to the studs with 13 mm sheet-metal screws. This sheet is not fire resistant; therefore, it can be replaced in the final assembly.

An IPN 140 metal profile was placed in the test furnace frame centre.

# **METALWORK ASSEMBLY FOR LARGE PARTITIONS (> 4 M HIGH)**

If partitions are above 4 m high, additional reinforcement must be provided.

This structural solution consists of 5 easy-to-install pieces protecting the partition against the stress caused by dilation and temperature variations, and the masonry seating itself.

**mercor tecresa**<sup>®</sup> has tested the metalwork assembly for partitions higher than 4 meters. Consult with our technical department for further information.

