

This document is made up of two types of drawing plans:

- 1. General Plans:** They show the position of different types of joints which will be used in the assembly of all the pieces.
- 2. Joints and Type details:** These are plans in fine detail and to a very small scale 1:20; 1:5, of each constructive detail or each joint with an explanation on how to make every single one of them.

The joints are designed for:

1. All the panels to be joined together by wet joints: On the joints all the pieces are welded at a specific point together with the metallic ring which usually goes along the joint; after this the joint has to be concreted. The shuttering of the joints which are going to be visible ought to be withdrawn before 24 hours, the concrete, still unset, has to be scraped with a brush and finished off with mortar without retraction to obtain the continuity of panels.
2. To absorb small planning or assembly errors.
3. To give continuity to the structure.
4. To give continuity to the thermal insulation, avoiding the heat bridges.
5. To give continuity to the installation. At the edges of the panels, boxes have to be placed which allow the continuity of the installations before the joints are concreted. These boxes are concreted at the same time as the joints to achieve the continuity of panels.

The details reflect the combination of the “Grey Work” and the “White Work”. This means that they show:

1. How to solve the waterproofing of the building work.
2. How the carpentry is integrated with the concrete panels.