

Assembly Instruction

Rectangular air duct systems with LS-profile

Ducts and fittings are manufactured for the duct system to fulfill the requirements of tightness class C. A prerequisite for this is that the mounting is made according to this instruction.

NOTE! If a pressure test is to be performed, make sure this is made before the system is built in and isolated, having it open for inspection.

To get a good result, make sure that you have

- A well organized and protected storage site for ducts and fittings to be mounted
- Only non-damaged products
- Well thought through order of mounting
- Secure seals against e.g. connections to building parts
- Made the mounting with care according to the instruction

Mounting instruction

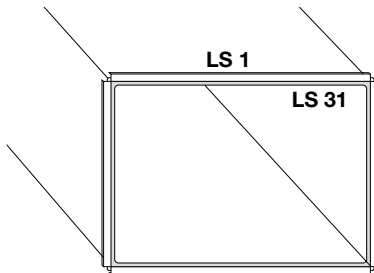


Preparations

- Use only ducts and fittings with factory assembled joining profiles for slide profile joint
- Make sure that the storage of ducts and fittings are protected from rain and snow
- Please check that all ducts and fittings are marked according to this label. Don't use fittings or ducts that have been damaged in such a way that the tightness of the system is jeopardized.
- The suspension distance for ducts and duct fittings regardless of dimension is not allowed to exceed 2400 mm. It also has to be maximum 1 joint between 2 suspensions. The suspension must be placed maximum 500 mm from the joint.

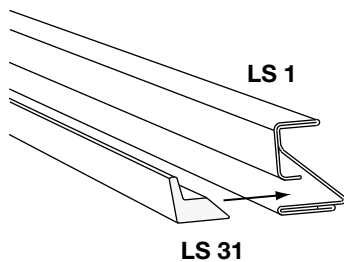
Assembly of ducts and parts

1



Place some sealing compound in the corner of the joint profile LS 1 and inside in the corners of the products, before you mount the seal moulding LS 31.

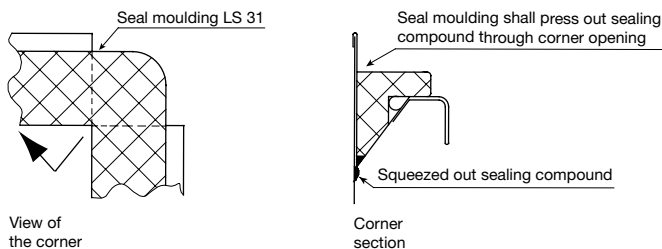
2



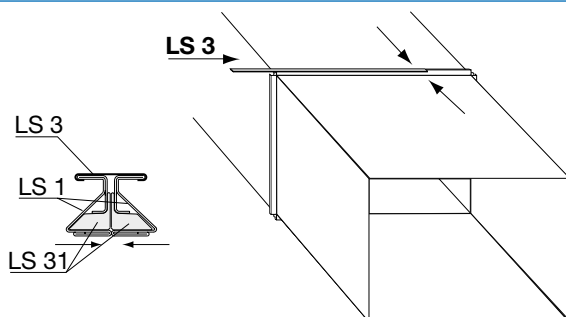
Mount the seal moulding LS 31 around in the joining profile LS 1 at each duct edge.

Please make sure that there will be no gap where the ends of the seal mouldings meet each other.

3

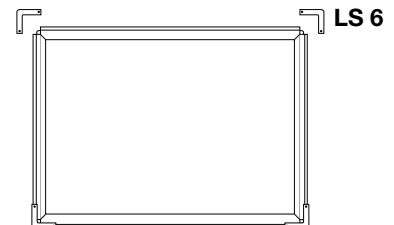


4



Press together the duct ends. Hammer the slide profile LS 3 completely over the joining profiles.

5



Mount any outer corners LS 5 outside of the meeting points of the slide profiles.