

Processing instructions for the installation of airtight membranes during injection insulation work

Introduction:

This document describes the installation and assembly of the airtightness membrane used. We make no claims for the suitability for use in construction work; i.e. in regard to S_d and similar values. If required, various brochures on such topics can be downloaded from the respective country's homepage. For more detailed questions, contact details for your local sales representative, the sales office and our application technology department can be found on this website.

General information:

Mechanical stress on the bonding of our airtight membranes should be avoided and/or is not permitted. Bonding the vapour check membrane only ensures air tightness and is not a mechanical safeguard. Appropriate measures should be taken to mechanically ensure the installed membrane against tensile loads, e.g. load distribution, using battens or something similar.

Installation:

Injection insulation places high pressure on the membrane, and the weight of the insulation must also be taken into account. This produces a permanent, high tensile load on the overlaps of the installed airtight membrane and its edge connection.

The membranes should overlap by 10 cm. Fastening in this area entails using staples spaced approx. 10 cm to 15 cm apart. In addition, the adhesive tape of the overlap bonding must be rubbed down well. Penetration masking must be carried out precisely and carefully. Depending on the situation and product, the possible drying times of adhesive materials used, such as liquid adhesive from a cartridge to bond edges, must also be taken into account.

To mechanically secure the installed airtightness membrane, a slatted grid (with edge battens) with an axial dimension of max. 50 cm must be installed (Ampatex Eco 5 extra: max. 40cm). Parallel, i.e. longer, overlap bonding must be mechanically secured with an additional batten. This allows "flying" overlap bonding to be secured against any impermissible tensile loads that may occur.

We request your unconditional attention and compliance with these instructions and requirements.

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