INSTALLATION INSTRUCTION 8, FOR APPLICATION OF VAPOUR PERMEABLE MEMBRANES AS SEALING AND PROTECTION OF THERMAL INSULATION IN CEILINGS cid:image003.jpg@01D030AA.9208D3D0

This instruction concerns the most important regulations for application of **vapour-permeable membranes further referred to as “ICM” with DoP type 90 – type 265** in function of a material sealing and protecting thermal insulation located in ceilings with wooden, steel or concrete construction.

ICM in ceilings protects thermal insulation and the construction from different kinds of contamination and dampness. The place of application of ICM in wooden or steel ceiling is shown in the picture – ICM is laid on thermal insulation and on (supporting or auxiliary) construction. The way of application of ICM depends on the intended effect and kind of construction. ICM can cover thermal insulation tightly or only partially, depending on the needs, on level of complexity of the construction of ceiling, flooring and roof truss and on construction conditions (purpose, size, etc.). In case of a need to obtain full tightness, all the overlaps between strips of ICM, as well as all connections of ICM with construction elements (beams, chimneys, etc.) which go through ICM or which are connected with ICM on contact (walls, chimneys, etc.) must be taped. Such tight connections demand usage of glues or special adhesive tapes.

**Rys. 1 - 8.tif**There should be a gap (min. 2 cm) over ICM which ensures equalization of pressure of water vapour coming through the ICM (equalization of vapour saturation). The best effects can be obtained by ensuring the flow of air over ICM (e.g. by leaving air-flowing holes on the edges of flooring over ICM).

On attics without flooring, simple installation of ICM with overlaps, directly on thermal insulation laid on ceiling is effective.

**All remarks and reservations enumerated in instruction no. 1 are also binding for this instruction.**

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**Instruction written according to the state of knowledge from May 2019.**

Additional information on websites: [www.marma.com.pl](http://www.marma.com.pl) i [www.dachowa.com.pl](http://www.dachowa.com.pl) .