

OTTOCOLL® A 270 SPECIAL

The film adhesive

1-component dispersion adhesive

For indoor application

A 270

Characteristics

- ▶ Durable adhesive properties - Removable / correctable
- ▶ Highly adhesive - No fixation required
- ▶ Can be processed at temperatures down to -10°C
- ▶ Solvent-free
- ▶ Low odour - No odour nuisance
- ▶ Resistant to aging - For long-lasting indoor applications
- ▶ Frost-resistant - Can be stored and transported in temperatures as low as -10 °C for up to 48 hours

Fields of application

- ▶ For connecting air-tight strips according to DIN 4108 - 7 without pressure slats or profiles
- ▶ Not suitable for sauna and swimming pools

Standards and tests

- ▶ According to the requirements of DIN 4108 – 11
- ▶ Meets the requirements for fire behavior according to EN 13501: Class E
- ▶ French VOC-emission class A+
- ▶ Suitable for applications according to IVD instruction sheet no. 12+19-2+31+35 (IVD = German industry association sealants)

Technical properties

Skin-forming time at 23 °C/50 % RH [minutes]	~ 15 - 20
Curing in 24 hours at 23 °C/50 % RH [mm]	~ 1 - 2
Recommended processing temperature from/to [°C]	+ 5 / + 35
Viscosity at 23 °C	pasty, stable
Density at 23 °C according to ISO 1183-1 [g/cm³]	~ 1,2
Temperature resistance from/to [°C]	- 20 / + 80
Shelf life at 23 °C/50 % RH for cartridge/foil bag [months]	12 ¹
Storage temperature from/to [°C]	+ 5 / + 30

1) from production

These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.

Pretreatment

Surface and vapour retarders/vapour barriers must be sustainable, dry, clean, free of dust and grease. Substrates must not have adhesive repelling properties.

Important information

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SEALING & BONDING



Before applying this product the user has to ensure that the materials in the area of contact (solid, liquid and gaseous) are compatible with it and also amongst each other and do not damage or alter (e. g. discolour) each other. As for the materials that will be used at a later stage in the surrounding area of the product the user has to clarify beforehand that the substances of content or evaporations do not lead to an impairment or alteration (e. g. discolouration) of the product. In case of doubt the user should consult the respective manufacturer of the material.

Processing information

Suitable substrates: plaster, untreated wood, concrete, stone

Suitable moisture and vapour barriers: smooth and slightly rough PE-foils, kraft paper, fleece, cardboard

Preparation of the substrates (pre-condition for a safe bonding):

Surfaces have to be clean, dry, free of dust, grease and sustainable. Substrates must not have adhesive repelling properties.

PLEASE NOTE: Clean vapour barrier and substrate before the application of OTTOCOLL® A 270, carry out initial and compatibility tests with the vapour barrier or contact our technical department.

Multilayer tapes have to have sufficient internal strength, otherwise there will be a risk of lower load capacity due to layer separation.

IMPORTANT: One substrate has to be absorbent, e.g. plaster, concrete, untreated wood.

Application of the adhesive and special information:

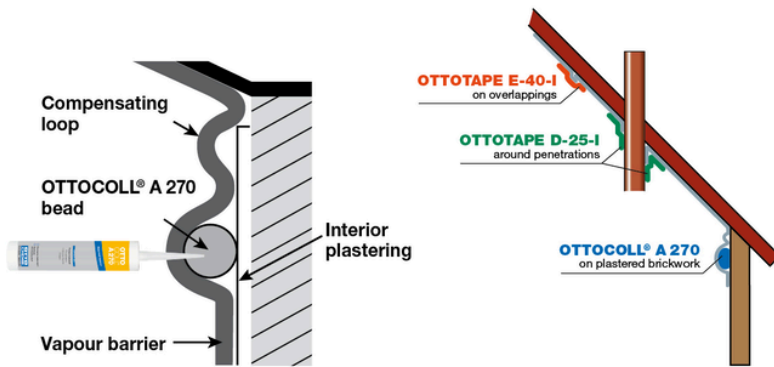
Apply OTTOCOLL® A 270 in beads and without gaps by means of hand operated or compressed air guns.

IMPORTANT: Vapour barrier has to be applied with loop.

Movement on the vapour barrier must not be applied during vulcanisation e.g. by pulling. Vulcanisation is slowed down at low temperatures.

Instructions for use

Wet method: Airtight sealing of vapour barrier on masonry (for experienced processors)



Wet method:



1. Fix vapour barrier in place with adhesive tape. Remove the fixed vapour barrier immediately after applying **OTTOCOLL® A 270 in 8 mm beads.**



2. Apply vapour barrier with loop in order to compensate movements of the building.



3. **Press** vapour barrier **lightly** onto the **bead**
CAUTION:
 Please do not press it flat – **OTTOCOLL® A 270 bead** must be at least **4 mm thick.**

Dry method: Airtight sealing of vapour barrier on masonry (prevents from processing errors – also for inexperienced processors)

Dry method:



1. Fix vapour retarder with adhesive tape. Apply **OTTOCOLL® A270** in a bead of 8 mm and **leave to set for 1 - 3 days**



2. Vapour retarder has to be applied with loop to compensate movements



3. Press vapour barrier firmly **onto the OTTOCOLL® A270 bead**

PLEASE NOTE: During the time of applying OTTOCOLL® A 270 and pressing the vapour barrier, any dust or dirt on the adhesive bead has to be avoided.

Additional Information:

With regard to processing procedures we refer to DIN 4108-7.

Application information

Due to the many possible influences during and after application, the customer always has to carry out trials first. Please observe the recommended shelf life which is printed on the packaging.

Packaging

	310 ml cartridge	580 ml aluminium foil bag
● fair blue	A270-04-C987	A270-08-C987
Pieces per packaging unit	20	20
Pieces per pallet	1200	600

Due to typographical reasons the colours shown below may differ from the original colours of the products.

Safety precautions

Please observe the material safety data sheet. After curing, the product is odourless.

Disposal

Information about disposal: Please refer to the material safety data sheet.

Warranty information

The above information and our technical application advice, whether verbal, in writing or by means of tests, are provided to the best of our knowledge, but are non-binding, including with regard to any third-party property rights. The information in this publication does not exempt the processor from carrying out their own tests on our products with regard to their suitability for the intended processes and purposes. The application, use and processing of our products and the products manufactured on the basis of our technical application advice are beyond our control and are therefore the sole responsibility of the processor. If the application for which our products are used is subject to an official authorisation requirement, the user is responsible for obtaining these authorisations. We reserve the right to adapt the product to technical progress and new developments. For the rest, we refer to our General Terms and Conditions, in particular with regard to any liability for defects. You can find our GTC at www.otto-chemie.de.