



# INSTALLATION GUIDE PAROC CGL 20

(C, CC, CY, CYC, Y, YC)

THERMAL INSULATION AND FIRE PROTECTION  
UNDER A CONCRETE INTERMEDIATE FLOOR  
WITH GLUED LAMELLA INSULATION

4.4.2025

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**PAROC**<sup>®</sup>

# GENERAL

For successful installation, see NOTES 1-6 at the end of these installation instructions.



Suitable for outdoor and indoor environments protected from the weather.



The mounting substrate (hollow-core or concrete slabs) must be firm, flat, dry, and clean. Contact the designer if necessary.<sup>1)</sup>



Installation temperature +5 – +30°C (air and substrate)

# EQUIPMENT



PAROC SW glue (XPG 001) <sup>2)</sup>



Water



Mortar mixer



Container for mortar



A steel trowel, 10 x 10 mm teeth



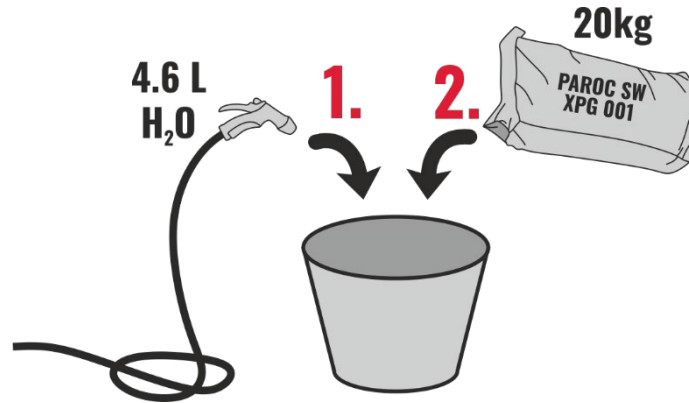
A steel trowel, straight edge



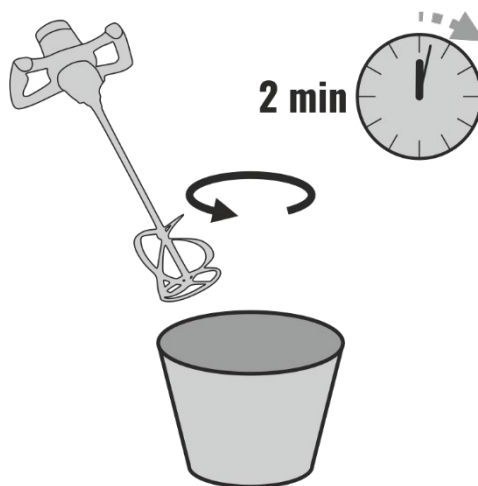
Insulation knife

# 1. MIXING THE GLUE

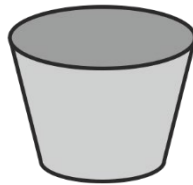
**A**



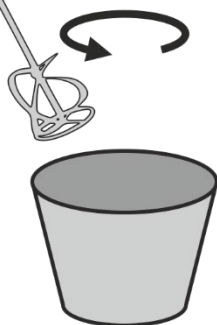
**B**



**C**

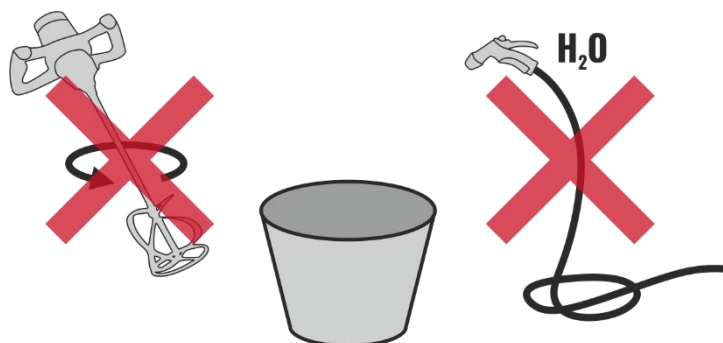


**D**



**!**

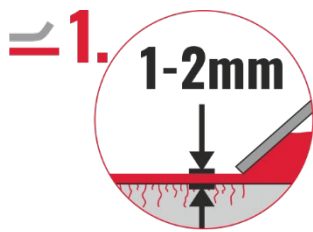
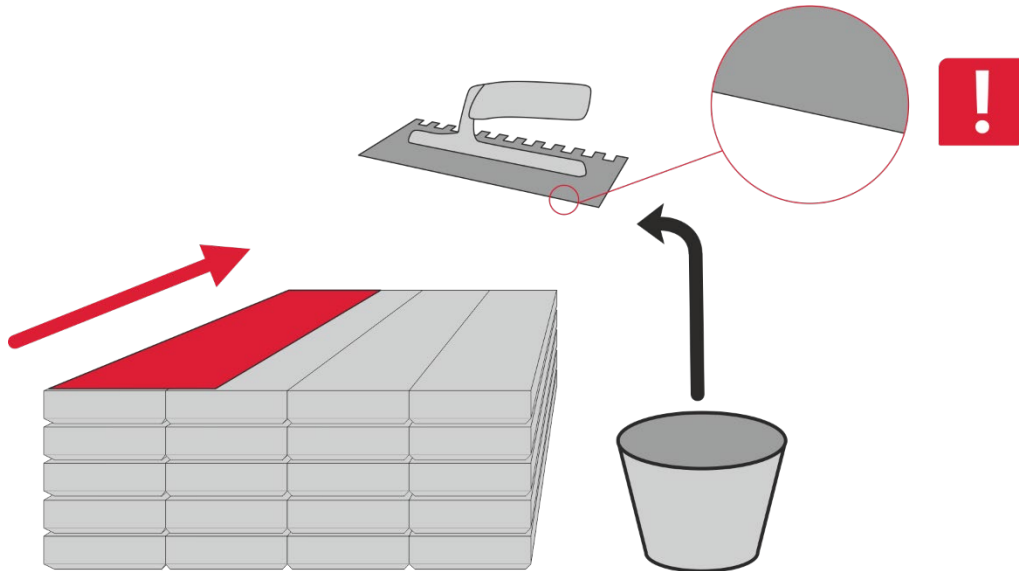
**2. A & B < 30 min 3)**



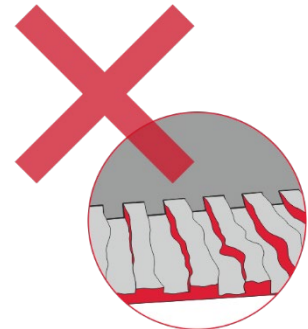
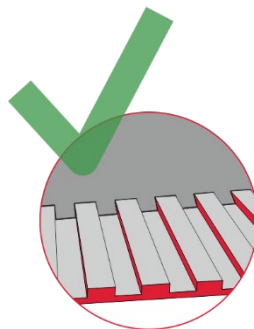
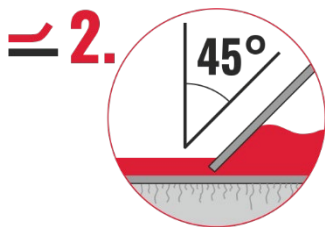
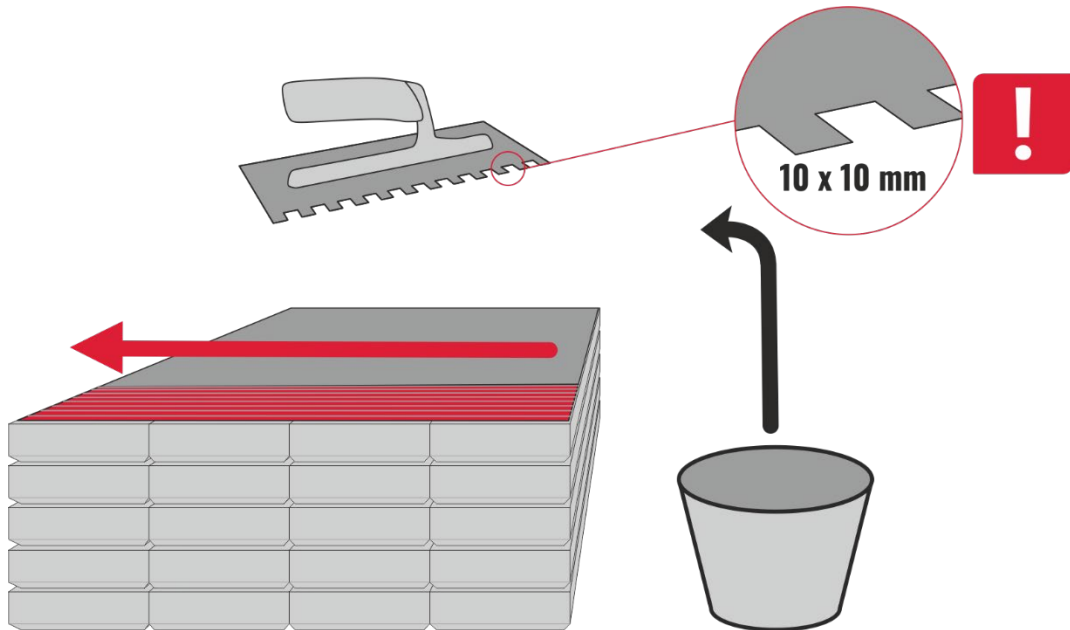
## 2. APPLYING THE GLUE



This step is not required for lamellas with back side coating (PAROC CGL 20cc, PAROC CGL 20cyc)



**B**

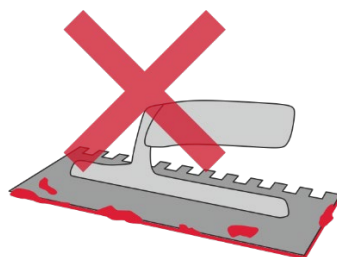
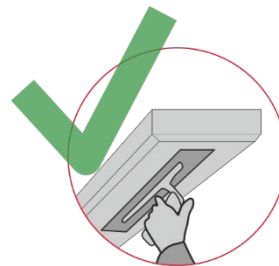
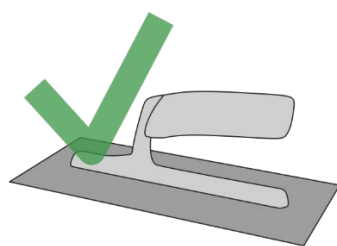
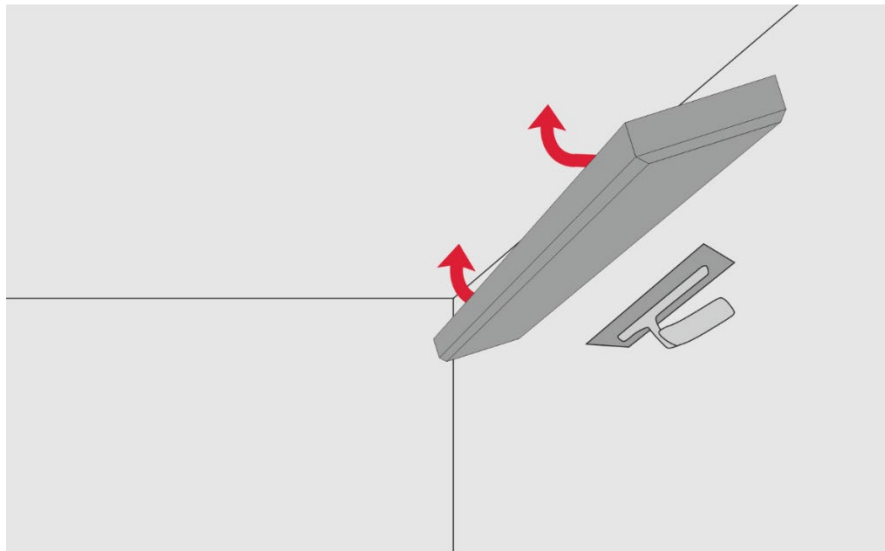
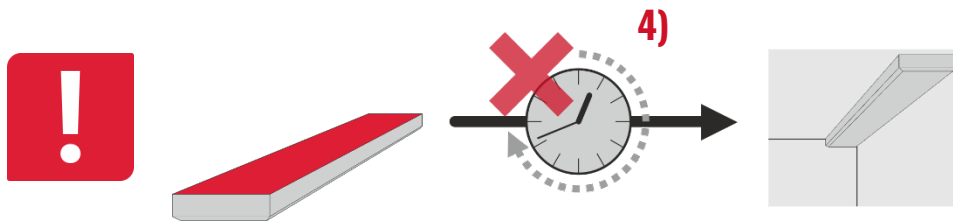


**!**

**2. A + B** ≥ 5 kg PAROC SW glue / 1 m<sup>2</sup>

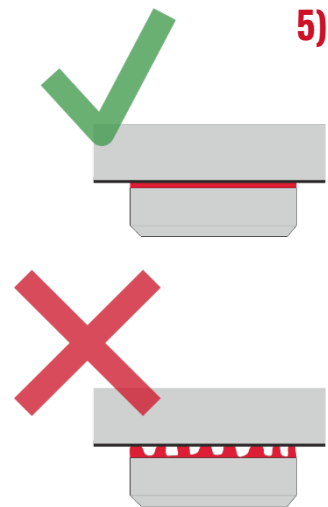
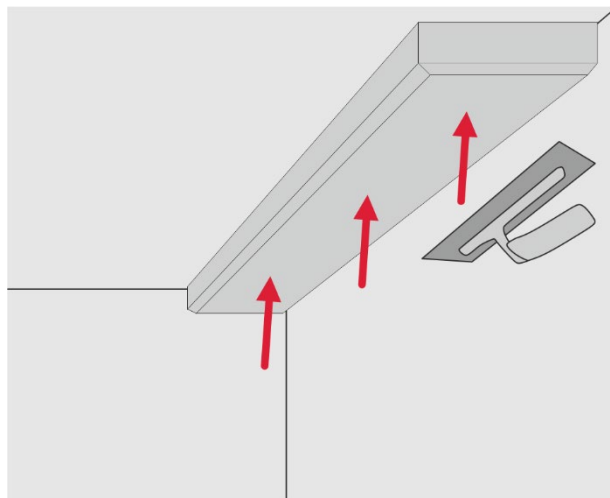
(or B ≥ 5 kg PAROC SW glue / 1 m<sup>2</sup> for lamellas with back side coating – PAROC CGL 20cc, PAROC CGL 20cyc)

### 3. INSTALLATION OF LAMELLAS

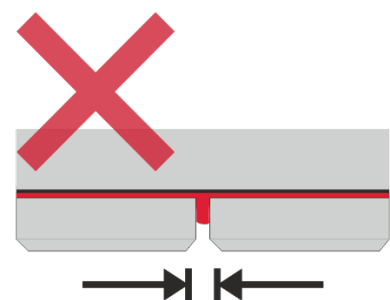
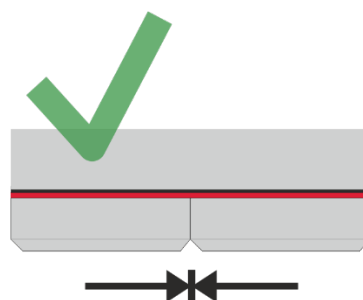
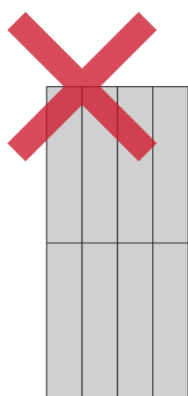
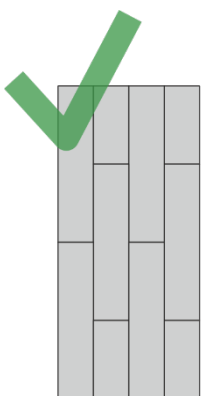
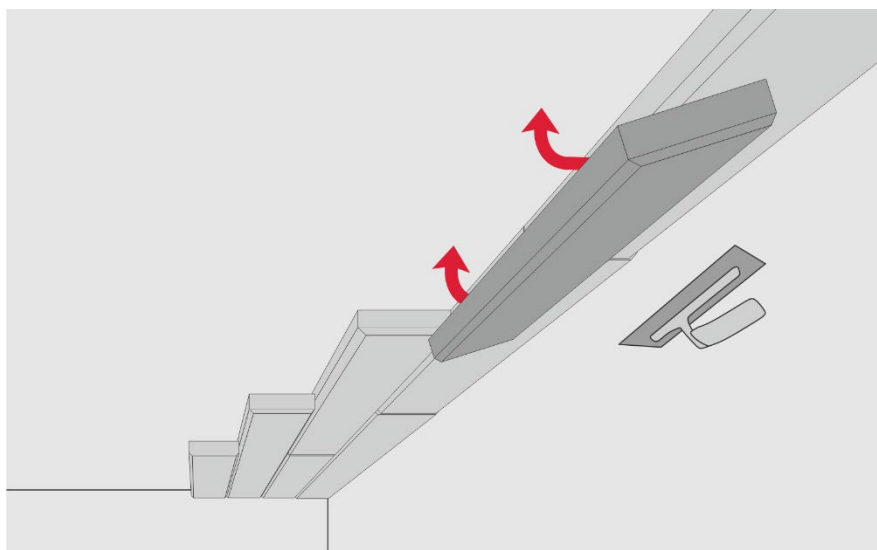




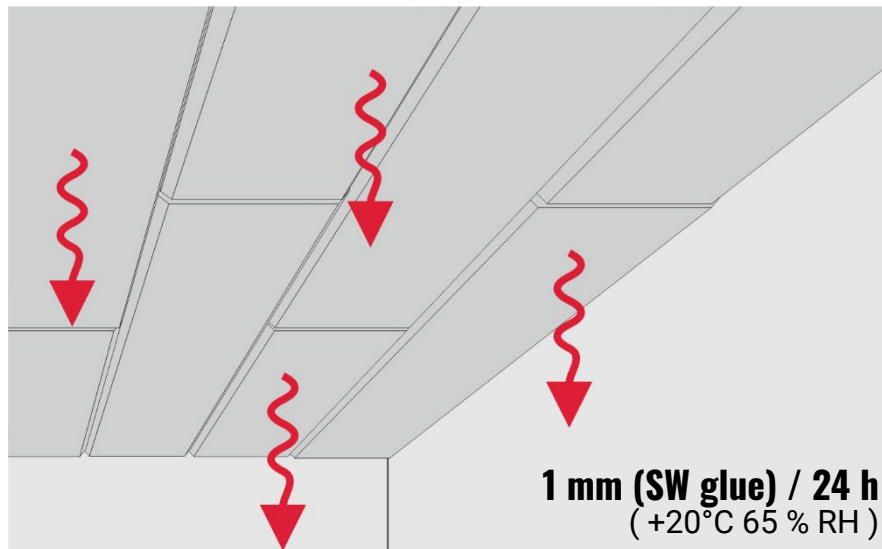
**B**



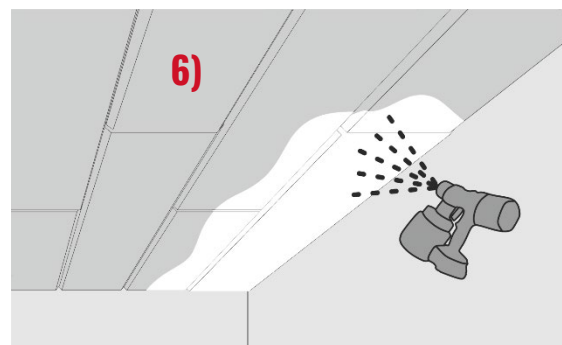
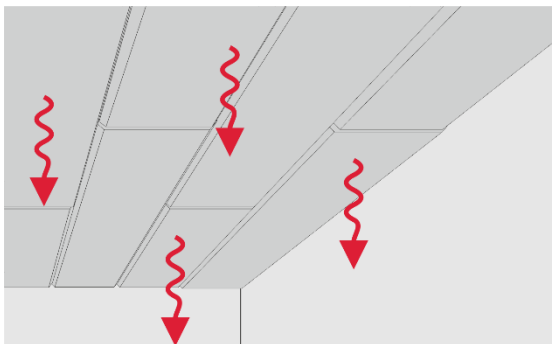
**C**



## 4. DRYING, ADHESION



## 5. IF NECESSARY: SURFACE TREATMENT OF LAMELLAS



## NOTES

- 1) The substrate must be firm, level, dry, load-bearing, and free from grease, mold, oil, and dust. It is the contractor's responsibility to check whether the fixing glue is suitable for the substrate at the building site. If you have any doubts about the suitability of the substrate, contact a specialist for advice on, for example, the need for a longer drying/curing time, possible primer treatment of the ceiling, etc.
- 2) Paroc can only guarantee the functionality of the recommended PAROC SW glue based on fire testing. Use of any other glue is at the user's sole risk. Check the condition of the bags of glue. They should be dry and unbroken. Do not use glue that is out of date. All bags are marked with a Best Before date. Make sure the water is clean and suitable for mixing with mineral mortar. Allow a minimum of 5 kg of dry material per square meter.
- 3) Do not add water after remixing for 30 seconds as it will weaken the adhesion considerably. Typically the glue should be used within 30 minutes after mixing, but this time varies a lot depending on temperature and ventilation. When the glue starts to dry in the bucket, its gloss dims and it becomes lighter in color. This means that curing has already started. It is not advisable to use the glue after this as adhesion will be weaker.
- 4) For the best possible adhesion strength, install lamellas immediately after spreading the glue.
- 5) Make sure the air is pressed out from the toothed channels of glue. To do this properly, use a clean steel trowel to press the lamella against the substrate. It is advisable to do a test installation to verify that at least 80% of the lamella surface is covered with glue and that there are no toothed channels in the glue anymore.
- 6) **In a fire protection solution**, the surface of the insulation can be painted with silicate paint at the construction site. The use of other paints may impair the fire protection properties of the product, so their use is not recommended. The lamella surface can be finished no earlier than 24 hours after installation. The paint used must be breathable, as silicate paints generally are, so that moisture from the substrate and adhesive can dry.

**In a thermal insulation solution**, it is also recommended to paint the surface of the insulation with breathable silicate paint at the construction site. This allows moisture from the substrate and adhesive to escape. The lamella surface can be finished no earlier than 24 hours after installation.

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