

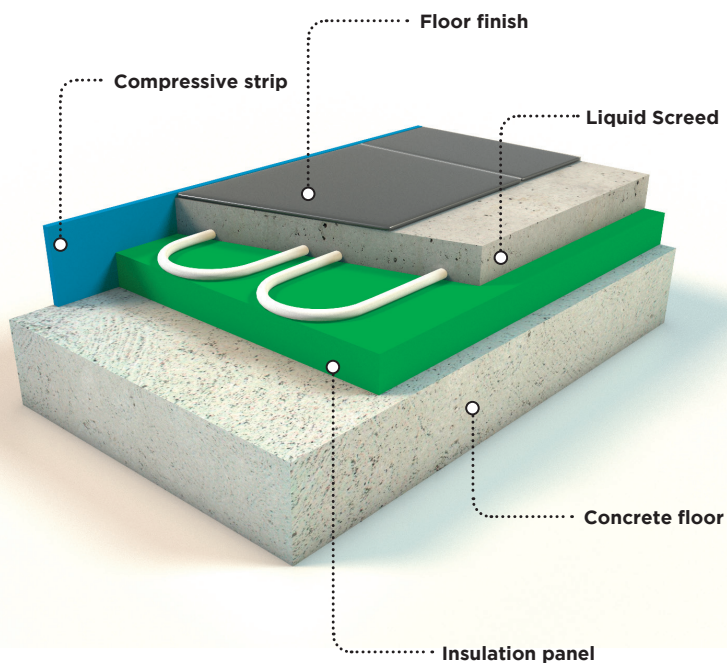
CEMENTITIOUS
SELF LEVELLING SCREED

APPLICATION GUIDE

3 MAIN APPLICATIONS

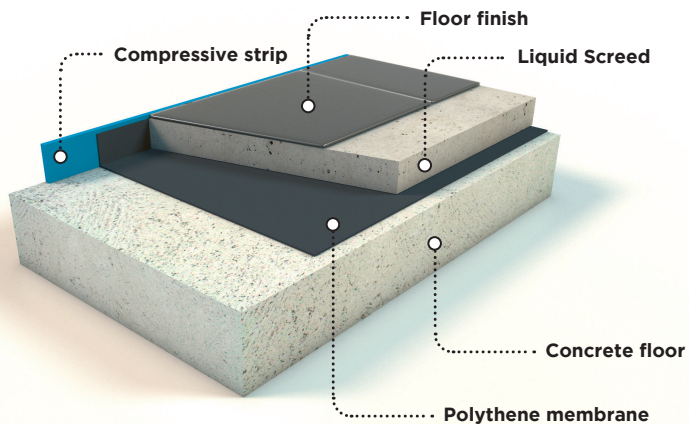
1

FLOATING SCREED OVER INSULATION OR OVER UNDERFLOOR HEATING



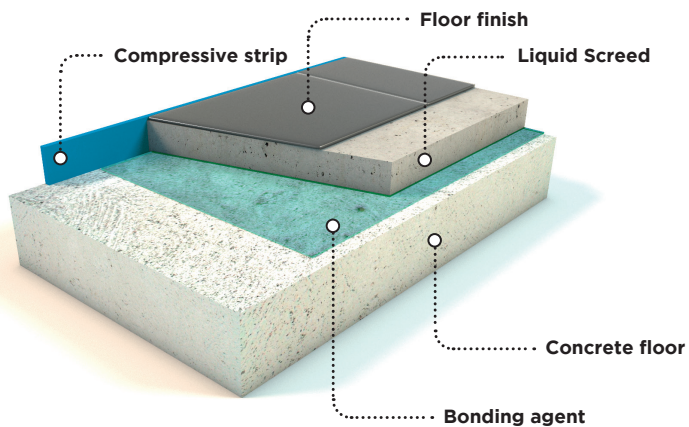
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UNBONDED SCREED ON POLYTHENE MEMBRANE



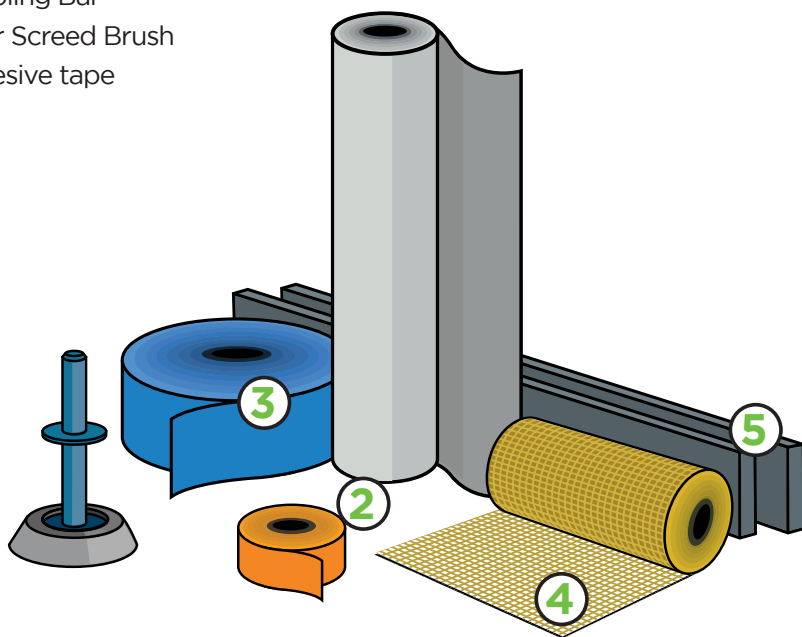
3

BONDED SCREED



RECOMMENDED STARTER KIT

- « JAMAG » type leveling pods
- Compressive strips
- Reinforcement mesh
- Alveolar seals
- Crack repair resin kit
- Spirit level
- Carbide Humidity Tester
- Dappling Bar
- Floor Screed Brush
- Adhesive tape



This method of application is given for information only and does not replace the prior training of any professional screed applicator, or prior technical tests on the site. In addition, the climatic conditions of each site must be precisely and previously considered in order to adapt the application techniques to the climatic conditions.

1/ FLOOR CHECKING

- Ensure that the floor receiving the flowing screed does not have any cavities.
- Check condition and flatness in accordance with the Technical notice.

2/ MEMBRANE & TAPE

- Installation of the polyethylene membrane (in the case of a floating screed) and installation of the tape to make the surface waterproof to screed mortar.

3/ COMPRESSIVE STRIPS

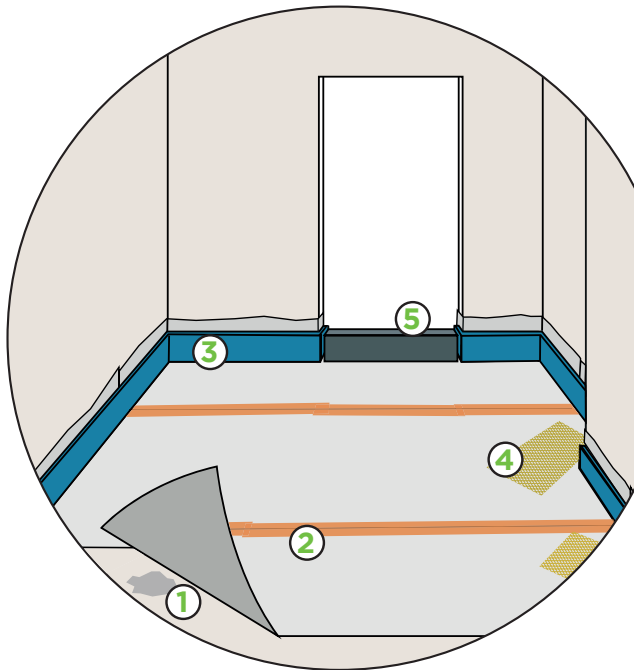
- Apply expansive strips to all walls.

4/ CORNER REINFORCEMENTS

- Place the reinforcing meshes vertically along the wall, next to the corners to be reinforced to avoid cracking.
- The mesh will be plunged into the screed during casting.

5/ EXPANSION JOINTS

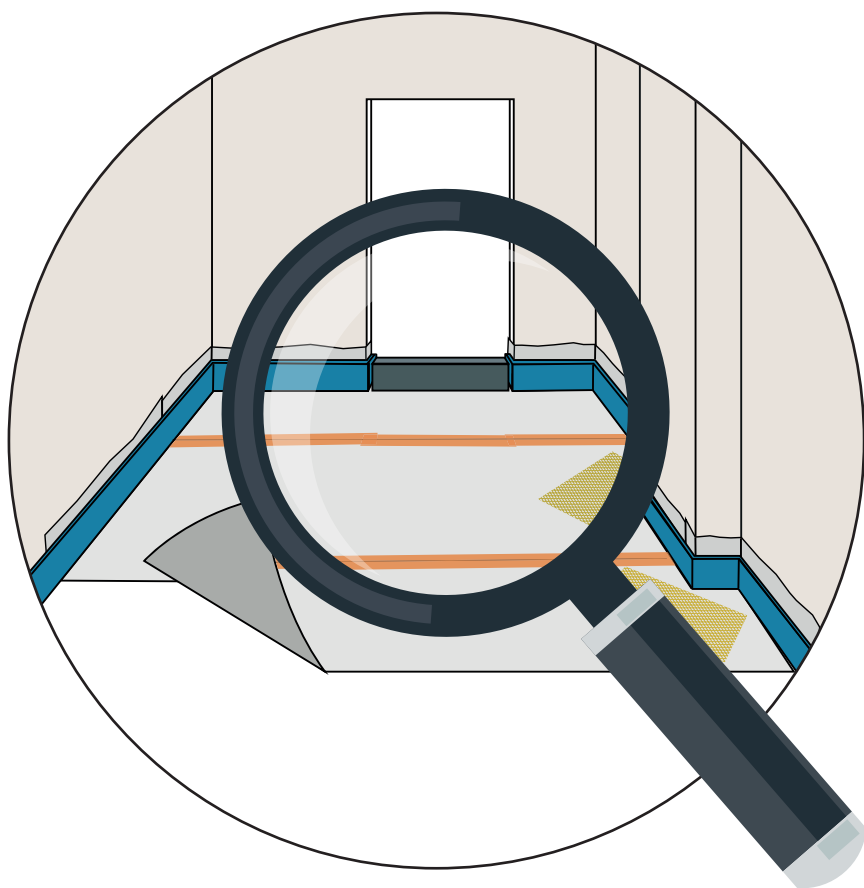
- Installation of alveolar seals at the level of the doors and boundary of the casting areas.



STEP 02

CHECKS BEFORE CASTING

To ensure that the screed installation runs smoothly, it is necessary to carry out a series of checks (usually carried out the day before casting).





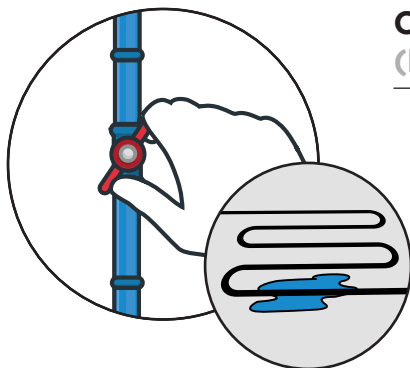
PLUGGING OF LEAKAGE AREAS

- Avoid any potential leakage of the liquid screed: use sand or expanding foam.



SUN & AIR FLOW PROTECTION

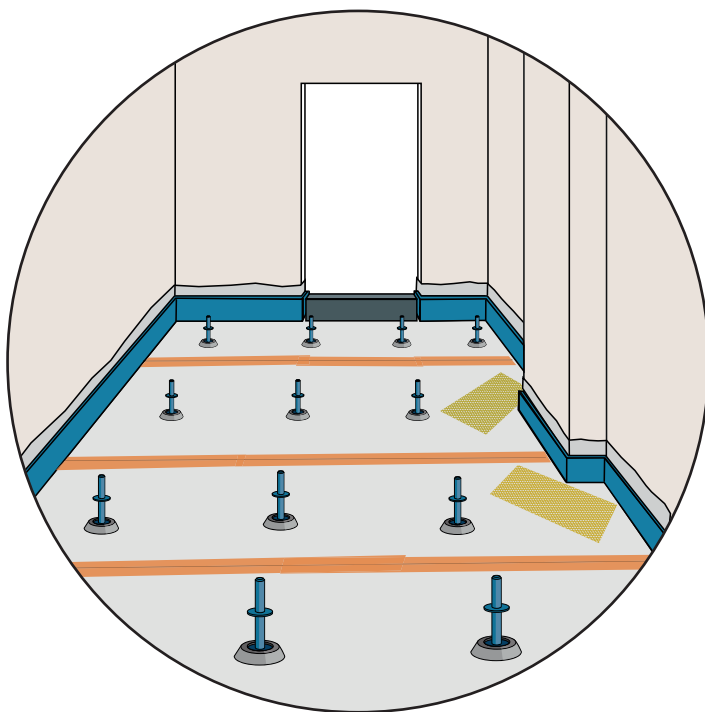
- Protect the newly installed screed from air flows and direct sunlight.
- Close all doors and/or shutters. Protect uncovered areas with tarpaulins or by other means.



CHECK FOR LEAKAGE

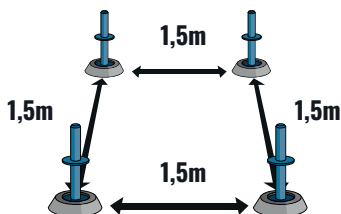
(IF THERE IS UNDERFLOOR HEATING)

- If underfloor heating is installed, request proof from the installer that the system has been checked for leaks and if any repairs were required they have been carried out.



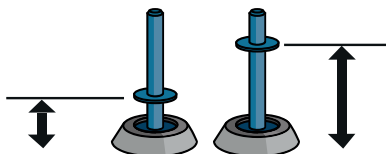
PODS SPACING

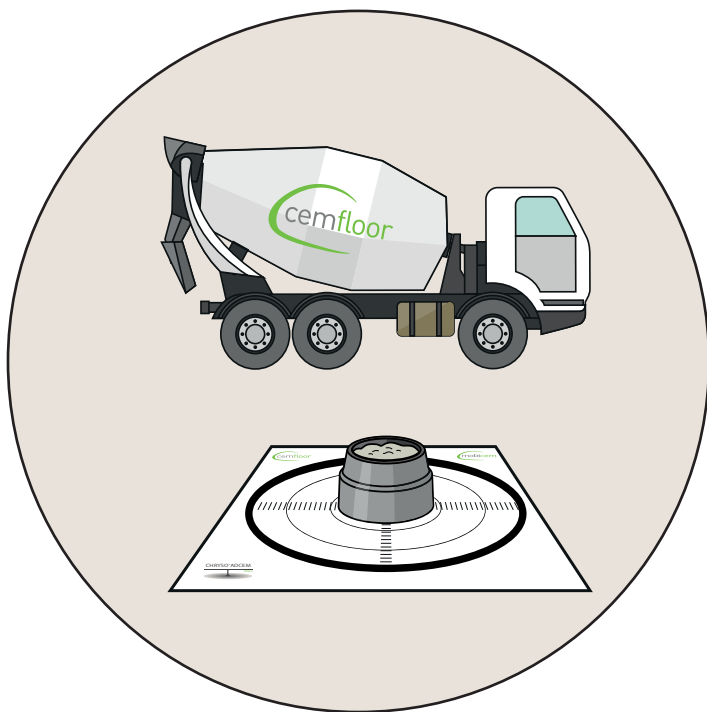
- A spacing of 1.5m between each pod is recommended to provide better flow and flatness control.



LEVEL ADJUSTMENT

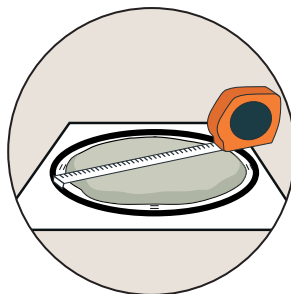
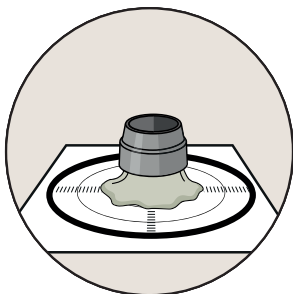
- Adjust the level of each pod depending on the desired thickness of the screed.





CHECKS TO BE CARRIED OUT

- When the screed arrives, sign the delivery ticket and include the following information:
 1. Time of manufacture
 2. **Mandatory** measured flow and water adjustment if necessary

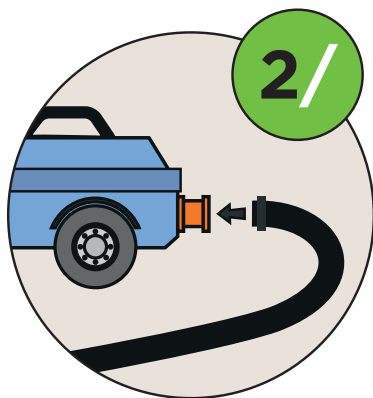


1/

**PIPE
PRIMING**

Prime the pipe
with a cement slurry





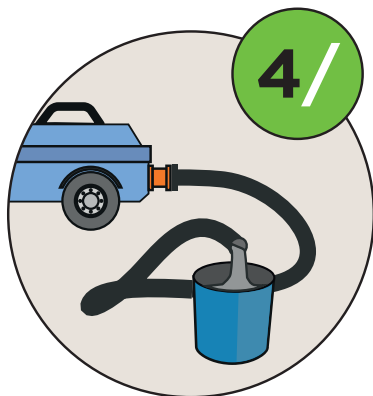
PIPE CONNECTION

- Connect the pipe to the pump.



DISCHARGING THE MIXER TRUCK

- Adjust the discharge speed according to the pumping speed.



RECOVERY OF THE PRIMING MATERIAL

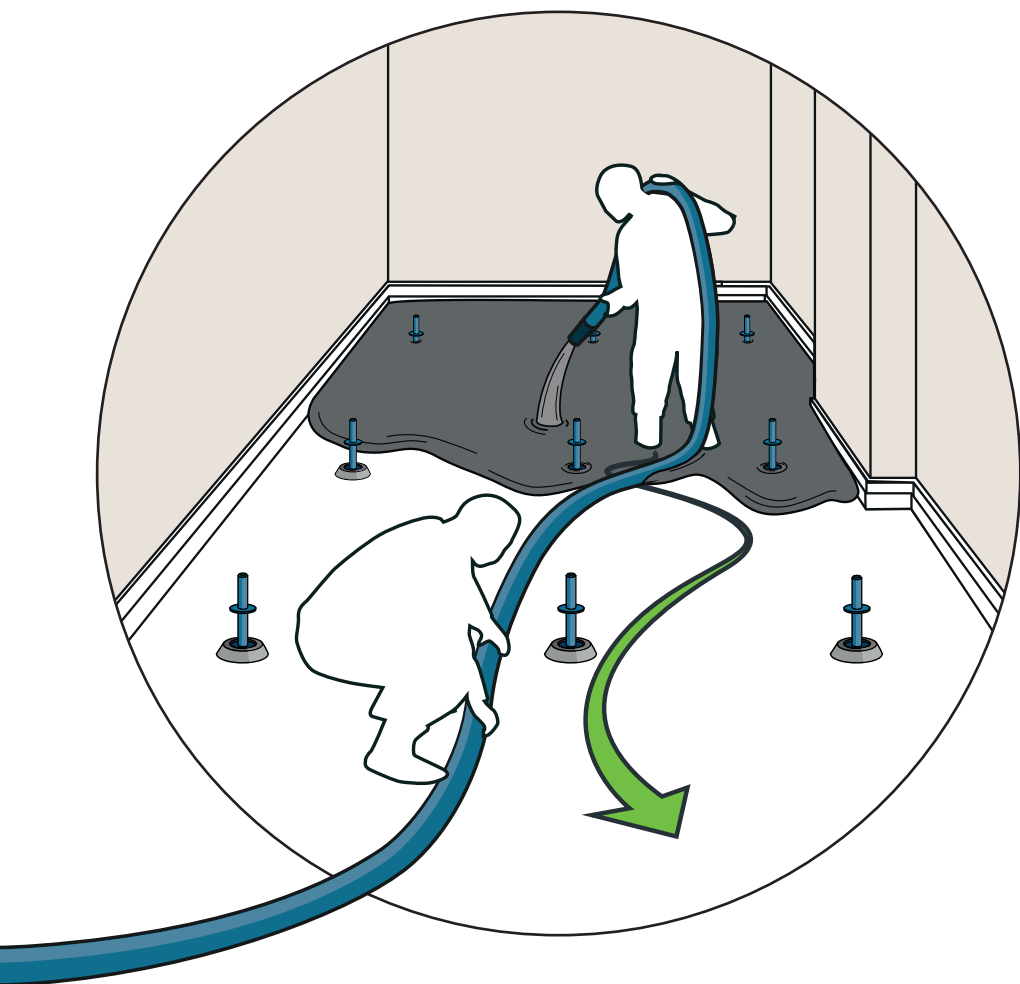
- When the pipe is in place in the room, ready to pump.
- Collect the priming material in buckets for disposal.
- The priming material should not be left in the screed.

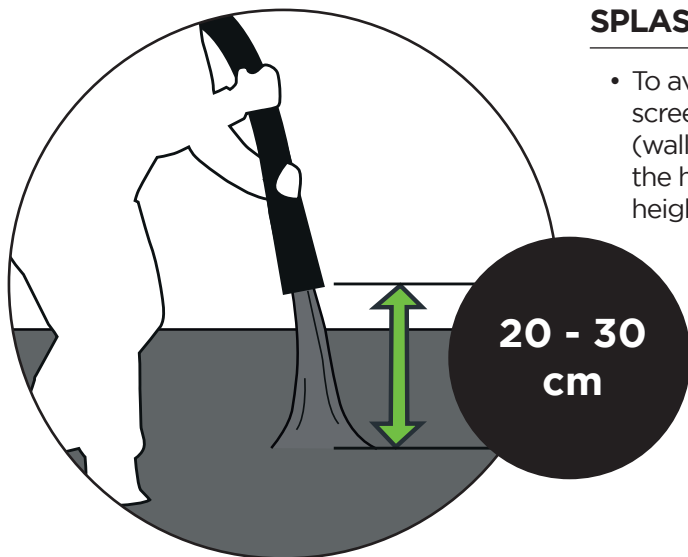
STEP 06

INSTALLATION OF THE SCREED

Start the screed installation at the back of the room and slowly pull back the hose.

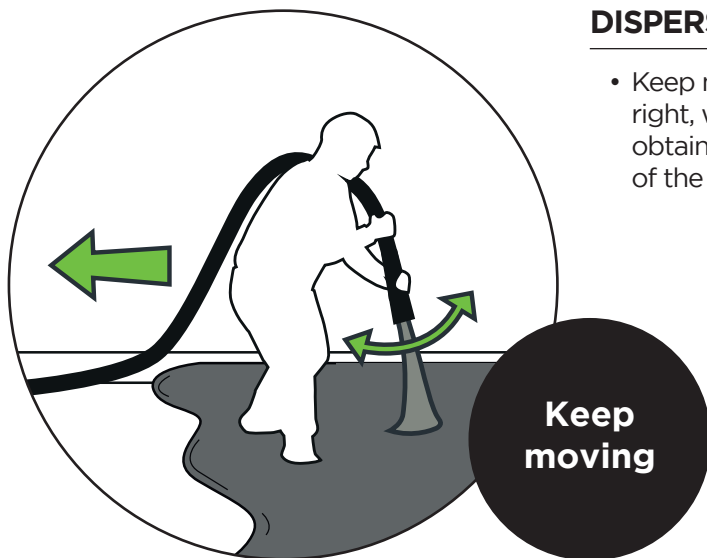
Get help from a second person to guide and bring the hose back.





SPLASHING

- To avoid splashing the screed during pouring (wall, etc), keep the end of the hose at a reasonable height.



DISPERSION

- Keep moving, from left to right, while backing up, to obtain an even distribution of the screed.



PASSAGE OF THE BAR

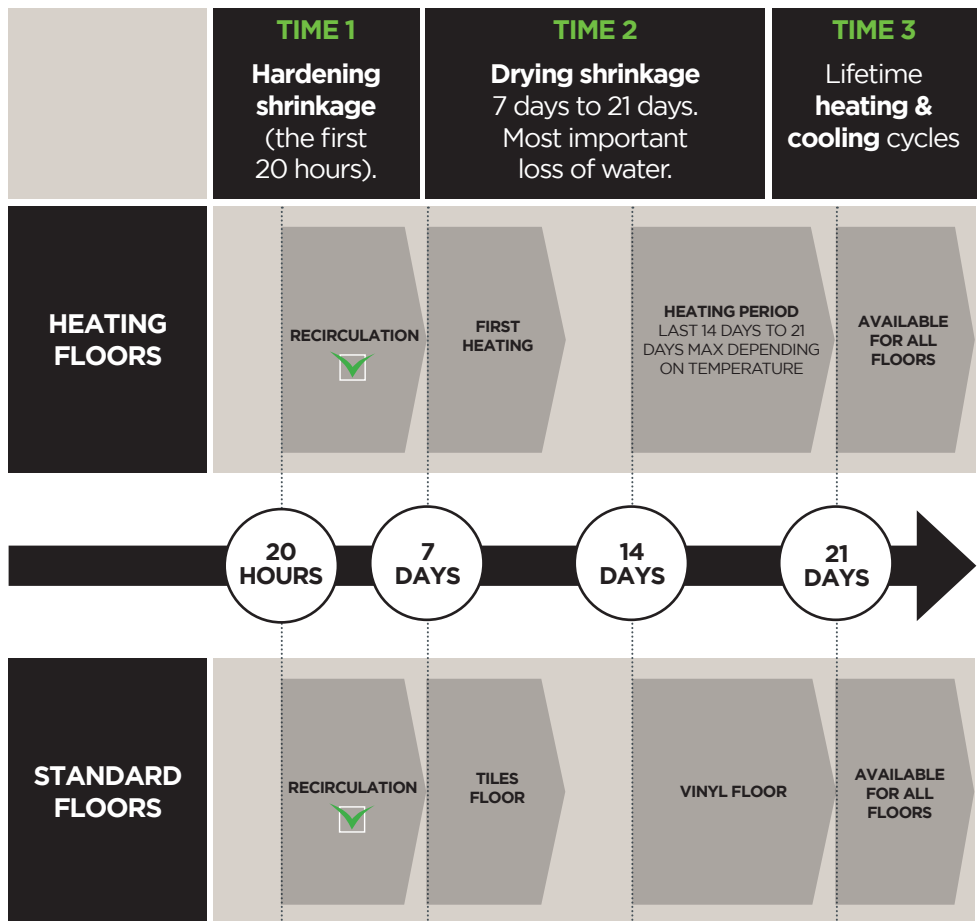
- Pass the dapple bar in 90 degree cross passes. Get help from a second person to remove the pods simultaneously.
- If necessary, also make one pass with the brush.



SPRAYING OF THE CURING PRODUCT

- At the same time as you finish dappling the screed, stop every 2 to 3 meters in order to spray the curing product on the fresh screed.

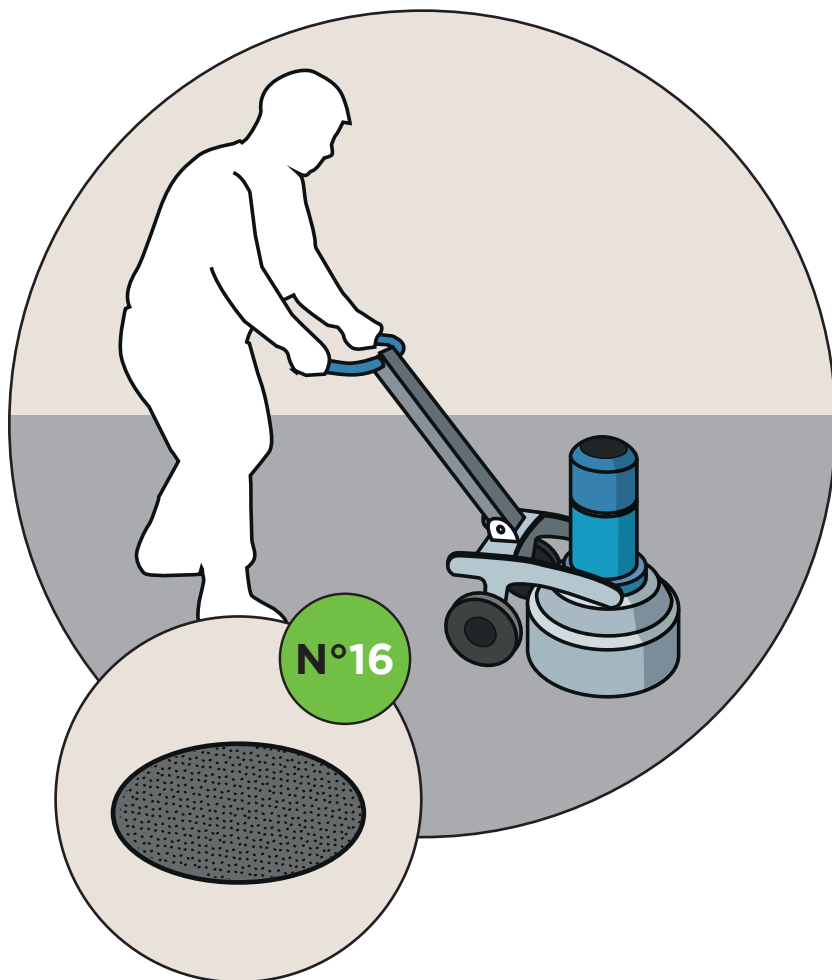
ADCEM TECHNOLOGY PERFORMS THROUGHOUT THE 3 MAIN TIMES OF SCREED'S SHRINKAGE



STEP 9

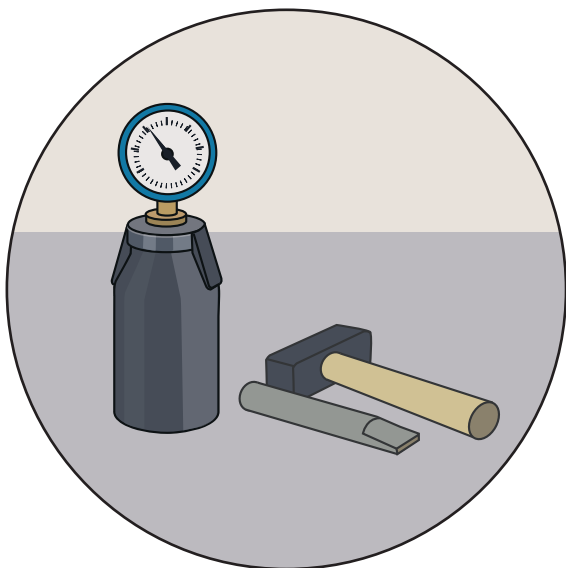
SANDING

Before laying the covering, once the screed has dried (minimum 7 days, depending on the type of floor), it can be sanded using a single-disc machine fitted with a No. 16 disc.



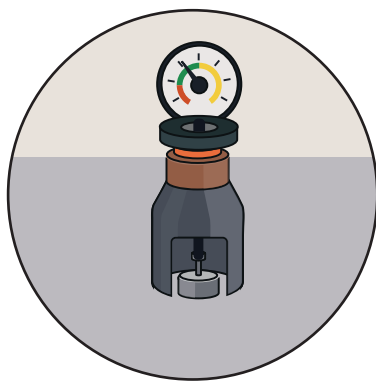
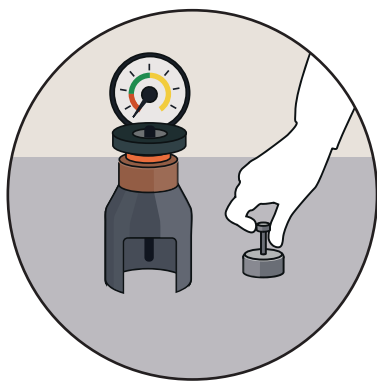
HUMIDITY TEST

- Perform a carbide bomb humidity test (refer to the manufacturer's user manual).
- Observe local standards if necessary.



PULL OFF TESTER

- Using an extractometer, check that the pull-off value complies with the cohesion value targeted for the intended coating.



Date of the visit :

Signature

Name :



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