

[400_{v2}] ARMONIA Removable Carpet Tiles

CONDITIONS

SUBSTRATES

ACCESSORIES

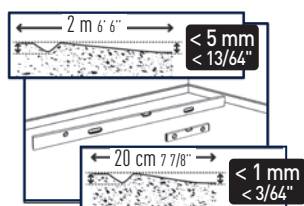
INSTALLATION

LAYING CONDITIONS

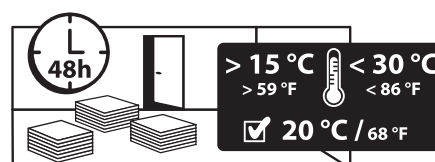
TYPE OF INSTALLATION	Maintained with tackifier or loose-laid	Maintained installation : • Full bonding with tackifier • If surface <50 m ² : possibility to maintain with B-connect connectors Loose-lay installation allowed for surfaces <12 m ² The tiles must always be slightly compressed laterally.
SUBSTRATE EVENNESS	Flatness requirement: < 5 mm / 2 meter ruler and < 1 mm / 20 cm ruler.	Flat, clean, sound, dry and solid
STORAGE	At least 48 hrs prior to installation	Store the floor covering in the room where it is going to be laid. Do not stack more than five boxes high.
LAYING TEMPERATURE	+ 15°C < T < + 30°C substrate temperature > 10°C	Ideally 20°C
DIRECT SUNLIGHT (SUNNY AREAS, BAY WINDOWS, SKYLIGHTS, SKYDOME...)	Floor temperature < 60°C	To prevent the floor temperature from reaching excessive values (60 °C or above), direct sunlight on the floor should be obscured by curtains, blinds or other suitable protection.
FIRST USE	Pedestrian traffic - 24 hours Installation of furniture - 48 hours	First use is immediate if the flooring is laid using B-connect connectors. In case of underfloor heating, wait 7 days before turning the heating back on.

USAGE CONDITIONS

USAGE TEMPERATURE	10 - 40°C	
CASTOR CHAIRS		Use is possible with Armonia 520 and 620 and only when installation is made with tackifier.



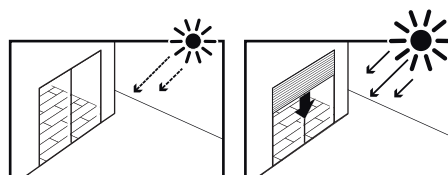
SUBSTRATE EVENNESS



STORAGE



MAINTENANCE



DIRECT SUNLIGHT

IMPORTANT: The information in this document is valid from 24/01/2025 and is subject to change without prior notice. As we carry out continuous technical improvements, our customers should check with us that this document is still in force before starting any work.

Gerflor

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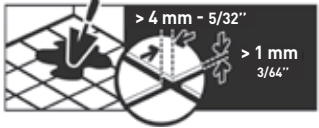
ACCESSORIES

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SUBSTRATE

CONDITIONS

For installing this floor covering

SUBSTRATE		CONDITIONS
Cement based substrate (concrete floor, cement based screed, anhydrite (calcium sulphate)-based screed)	✓	Moisture content compliant with the relevant standards and regulation in the country of use, and always < 4% (80%RH) for cement based substrate and < 0.5% for an anhydrite-based substrate (the most stringent regulation applies). If necessary, prepare the substrate and apply a smoothing compound to remove any surface irregularities
		
Ceramic tiles	✓	If tile joints < 4 mm wide and < 1 mm deep, and no unevenness . Otherwise, apply a grouting product or levelling compound. If more than 10% of the room's surface is in bad condition, complete removal is necessary followed by new substrate preparation.
		
Compact PVC/linoleum floor coverings	✓	After examination and repair depending on the condition of the floor covering. If more than 10% is in bad condition, complete removal is necessary followed by new substrate preparation.
Textile floor covering (carpet) / textile-backing PVC floorings / foam-backing PVC floorings / underlayers	✗	Removal.
Resin	✓	There must be no defects in the resin, otherwise complete removal is necessary followed by new substrate preparation.
Raised access floors	✓	Deflection under the 2-m rule at any location on the raised floor surface must not exceed 2 mm. The unevenness between two adjacent floor slabs must be < 1 mm. Lay the flooring offsetting the joints of the tiles compared to the joints of the floor modules
Laminated / floating parquet or wood panels	✗	Removal.
OSB	!	Treat any possible defects on the substrate (unevenness, joints between panels ...) then apply a fiber-reinforced levelling compound.
Glued parquet or parquet nailed onto battens ventilated underneath	✓	Allowed after treatment of possible defects (unevenness, open joints between planks, missing planks etc.)
Wood based panels on joists or battens	✓	Allowed after treatment of possible defects (joints, unevenness etc.)
Water reversible underfloor heating	✓	Allowed (fully bonded only). Heating must be turned off 48 hours before installation.
Underfloor heating with circulating water, max temperature 28°C	✓	Allowed (fully bonded only). Heating must be turned off 48 hours before installation.
Radiant electric underfloor heating	✓	Allowed (fully bonded only). Heating must be turned off 48 hours before installation.

The preparation of the substrate must comply with the current relevant standards in the country of use.

For any information on product properties and usages, please refer to its technical datasheet: www.gerflor.fr

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TOOLS

Utility knife - Tape measure - Metal straight edge.

ADHESIVES

See Installation section

FINISHES

Design skirting Ref. 6086 / MDF Design skirting Ref. 5947 – See installation guidelines [504A] and [504B].

Finishing profile: ramp 5-6 mm (aluminium) ref. 0505

When combined with flooring less than 3 mm thick, use transition profiles.

Non-exhaustive list below:

- Screw-on drilled profiles: Romus ref. 1940 et 2655 or Gradus ref. RT264 and RT 247 or Dinac ref. 2140090
- Multi-level threshold with invisible screws: Dinac ref. 2149090
- Transition profiles Gradus ref. ET804 et ET367

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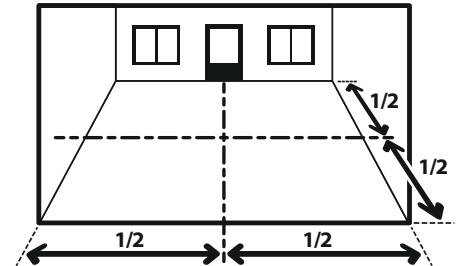
INSTALLATION



The floor covering should be examined prior to installation for any visible defects. The flooring must belong to the same production batch. If there are any visual defects, please notify GERFLOR and do not begin installation without its prior approval.

ADHESIVE APPLICATION

- Mix the tiles from several different boxes from the same series.
- Mark out starting axes for laying the tiles according to the illustration opposite:
 - Centre a row of tiles on the main axes.
 - Check that the cut tiles around the room's edges will be larger than half a tile.

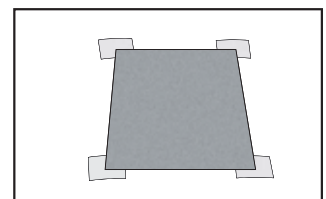
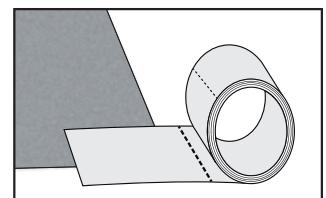


• Laying with tackifier

- Use an aqueous dispersion tackifier specially recommended for loose-lay carpet tile.
- Depending on the type and condition of substrate, the use of a primer might be recommended by the adhesive manufacturer.
- Apply the tackifier with a spatula or roller according to the manufacturer's recommendations. Refer to the technical datasheet.
- To avoid any permanent bonding, it is essential to allow a sufficient waiting time for the adhesive. The waiting time depends on the temperature, humidity level, the substrate's porosity and the amount of tackifier used.

• Installation with B-Connect connectors (ref 12500001), restricted to surfaces < 50 m²

- Cut the connectors according to the pre-cut dotted lines.
- As you lay, the connectors must be placed at the corners of the tiles so that one connector is connected to 4 tiles (or 2 tiles at the edges). The adhesive side of the connector is placed in contact with the underside of the tiles.
- **In the absence of construction elements at the edge of the tiles able to provide lateral compression, apply a double-sided adhesive along the extremities of the rows.**

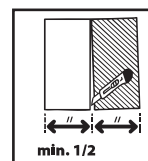
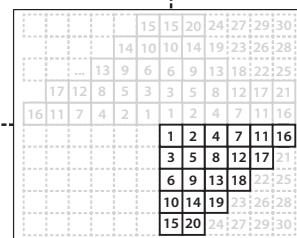
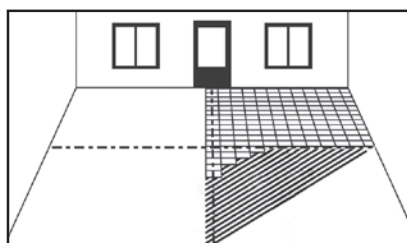


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- CONDITIONS
- SUBSTRATES
- ACCESSORIES
- INSTALLATION

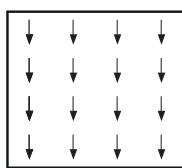
INSTALLATION OF TILES

- Position the first tile where the axes intersect.
- Install the next tiles in a staircase configuration, pressing each tile tightly against the previous one.
- Regularly check that the tiles are properly aligned by running your finger over the edge of the tiles.

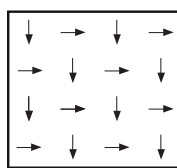


- Blocking: check that the **edges of the tiles touch properly**. The tiles must always be slightly compressed laterally. However, the pressure must not be too high to avoid causing deformation.

- Tile laying direction for **Armonia 400 et 520** = monolithic (in the same direction) or in a checkerboard pattern (at 90°). Refer to the arrows underneath the tiles.

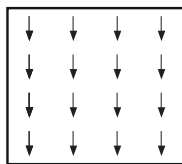


Pose dans le même sens

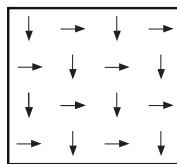


Pose à 90°

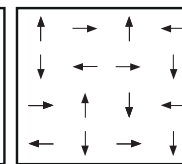
- Tile laying direction for **Armonia 620** = monolithic (in the same direction), in a checkerboard pattern (at 90°) or non directional (random). Refer to the arrows underneath the tiles



Pose dans le même sens



Pose à 90°



Pose sens aléatoire

- Peripheral cutting using the overlapping method. The cut tiles around the room's edges must be larger half a tile.

