

[030_{v3}] Glue down installation Virtuo 30 and 55

CONDITIONS

SUBSTRATES

ACCESSORIES

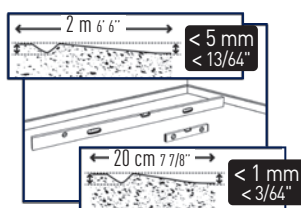
INSTALLATION

LAYING CONDITIONS

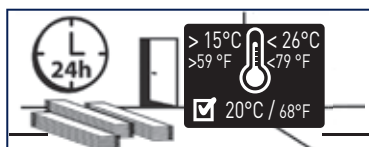
SUBSTRATE EVENNESS	Flatness requirement: < 5 mm / 2 metre ruler and < 1 mm / 20 cm ruler	Flat, clean, sound, dry and solid substrate.
STORAGE	At least 24 hours prior to installation	Store the floor covering in the room where it is going to be laid.
LAYING TEMPERATURE	+ 15°C < T < + 26°C	Ideally 20°C.
DIRECT SUNLIGHT (SUNNY AREAS, BAY WINDOWS, SKYLIGHTS, SKYDOMES, ETC.)	Floor temperature < 60°C	Laying is allowed as long as the ambient temperature is regulated. In order to prevent the floor temperature from reaching excessive values up to 60°C or above, direct sunlight on the floor should be obscured by curtains, blinds or other suitable protection. Otherwise, maintain the floor covering in place with a suitable adhesive (see adhesive table in Installation section).
VERANDA/CONSERVATORY	Only if temperature is permanently regulated	Use an adhesive suitable for direct sunlight on the entire surface
FIRST USE	Pedestrian traffic - 48h Installation of the furniture - 72h	In case of underfloor heating, wait 7 days before turning the heating back on.

USAGE CONDITIONS

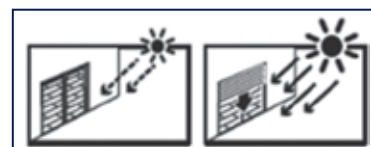
USAGE TEMPERATURE	Acceptable temperature range after installation : 20°C	e.g. +10°C to 30°C
STATIC LOADS	< 30 kg/cm ² and <200 kg/support	Do not use rubber end caps. Use flat (not tapered) end caps without any pattern that are suitable for PVC. Use end caps on furniture legs.
CASTOR CHAIRS	PVC-compatible castors according to EN 12529	Recommendation: protective mat beneath castor chairs.



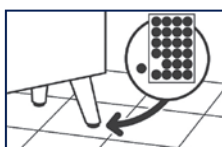
SUBSTRATE EVENNESS



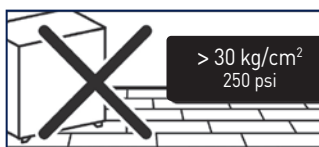
STORAGE



DIRECT SUNLIGHT



STATIC LOADS



MAINTENANCE

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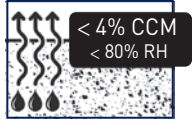
ACCESSORIES

INSTALLATION

SUBSTRATE

CONDITIONS

For installing this floor covering

Concrete floor, painted concrete, levelling compound, cement based screed, anhydrite (calcium sulphate)-based screed	✓	<p>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).</p> <ul style="list-style-type: none"> - Prepare the substrate if necessary - Apply a smoothing compound to eliminate any irregularities 	
Ceramic tiles	✓	After application of a smoothing compound.	
Glued compact PVC 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. Use an adhesive suitable for compact/compact application (refer to adhesive manufacturers).	
Glued foam backed PVC floor coverings	✗	Not recommended.	
Textile floor covering (carpet) / textile-backing PVC floorings	✗	Prohibited.	
Vinyl asbestos tiles	✗	Prohibited.	
Glued or floating parquet / laminated floor / floating wood based panels	✗	Prohibited (complete removal).	
OSB or Wood-based panel flooring on joists or battens	!	Apply a fiber-reinforced levelling compound after treatment of any unevenness and joints between panels.	
Parquet nailed onto battens ventilated underneath	!	Treat any possible defects on the substrate (unevenness, open joints between planks ...) then apply a fiber-reinforced levelling compound (directly or on lining boards).	
Water reversible underfloor heating	✓	Allowed. Heating must be turned off 48h before installation.	
Underfloor heating with circulating water, max temperature 28°C	✓	Allowed. Heating must be turned off 48h before installation.	
Radiant electric underfloor heating	✓	Allowed. Heating must be turned off 48h 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.com.

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TOOLS

Utility knife - Tape measure - Metal straight edge -
Manual smoothing press - smoothing roller 50 kg
Mitre shears - Reference ROMUS: 93401 / JANSER: 237 530 000

ADHESIVES FOR DIRECT SUNLIGHT AREAS

Refer to adhesive manufacturers recommendations

FINISHES

Skirting Design - Ref. : 6086 / Skirting Design - MDF - Ref. : 5947 – See Installation Guidelines [504A] and [504B].

Ramp / Threshold / Expansion Gaps : design coverstrip Ref. 0647

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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 visible defects, please notify GERFLOR and do not begin installation without its prior approval.

GLUING OF THE SUBSTRATE

- Mix the planks/tiles from several different boxes from the same series.
- The planks/tiles must be oriented in the direction of light or in the direction of traffic.
- Planks/tiles are installed with the single bond method using an adhesive suitable for PVC tiles and planks recommended by the adhesive manufacturers and applied with a finely toothed spatula (usually A2, TKB specification) according to the indications of the technical data sheet.
- Carefully follow the instructions of the adhesive manufacturer.
- Depending on the type and condition of the substrate, the use of a primer might be recommended by the adhesive manufacturer.
- Carefully respect the bonding time which depends on the temperature, the atmospheric conditions of the room, the substrate's porosity and the coverage of the adhesive used.
- Remove any surplus glue spots while work is in progress.
- Selection of adhesives recommended by manufacturers (non-exhaustive list), provided only as guidance.

	BOSTIK	SADER	CEGECOL	MAPEI	UZIN	F BALL
ACRYLIC GLUE FOR LVT	STIX A340 STIX A550 POWER ELASTIC	SADER LVT V4	CEGE 100 DUROCOLL	ULTRABOND ECO 4LVT	KE 66	F 46
AREA WITH DIRECT SOLAR RADIATION OR IMPORTANT TEMPERATURE VARIATION (BAY WINDOWS, SKYLIGHT, SKYDOME ETC...)	STIX P956*		SOL UR* CEGE HYBRIDE XTREM	Adesilex G 19*	KR 430* KE 68 Single component hybrid glue	F 49 2-components hybrid glue (PSA- Pressure Sensitive Adhesive)

* PU 2 composants

Gerflor cannot guarantee the conformity and performance of the listed adhesives, so for any subject in connection with the application or the behaviour of the adhesive we recommend you to contact the relevant manufacturer.

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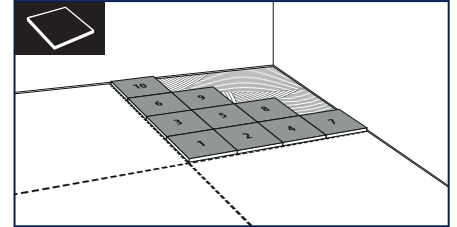
ACCESSORIES

INSTALLATION

INSTALLATION OF PLANKS/TILES

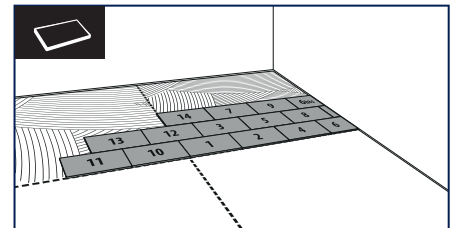
• For square format (MINERAL)

- Lay down the tiles in a pyramid pattern along the guidelines on the floor.
- Check the tile joints for evenness.
- Tiles can be laid at 90°, randomly or same direction



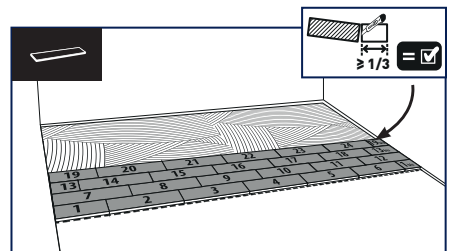
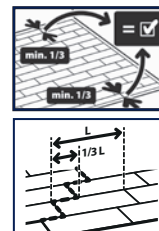
• For rectangular format

- Lay down the rectangular tiles in staggered joints (offset by half a tile) along the guidelines on the floor.
- Check the tiles joints for evenness.

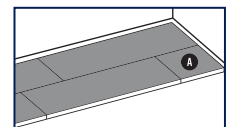
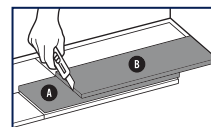


• For wood plank formats

- Divide the floor area into two parts with a guideline at right angle to the room's main doorway.
- Position the first plank, then continue following the guidelines by offsetting 1/3 of a plank from one row to the next (see scheme) or lay the planks with "hidden joints". In this case, offset the planks by at least 25 cm, and start the next row with the offcut from the last plank of the previous row. Avoid small cuts at the end of the row.



- Peripherals cutting using the overlapping method.



- Smoothing in two stages:
 - Manually, using a smoothing press
 - Rolling a smoothing roller over the entire surface once the installation is complete.

