

INSTALLATION GUIDELINES 2026

SUPERMARKET FOOD HALLS

gerflor.fr

INSTALLATION GUIDELINES



Gerflor[®]
theflooringgroup

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CREATION 70 MEGACLIC

1. SCOPE OF USE


SALES AREA	TYPE OF PRODUCTS SOLD IN THESE AREAS	CONDITIONS
LEISURE	TV, telephony, desktop computing, stationery, books, CD/DVDs, video games	-Pedestrian traffic -Hand-wheeled trolleys -Hand pallet trucks max. load 700kg
CHILDREN	Girls and boys aged from 3 to 14, toys	
BABY	Baby food, hygiene, accessories, clothes, equipment	
CRECHE	Child minding facilities	
HEALTH AND BEAUTY CARE	Everyday care, make-up, hair colour product, perfumes, jewellery, health/well-being	
FASHION	Women's, men's, underwear	
GROCERIES	Candy, cookies, chips, canned goods, organic groceries	
HOUSEHOLD CLEANING	Laundry, cleaning products, multi-purpose products, air fresheners, trash cans, haberdashery, brushes	
WINES/SPIRIT	Wines/Spirits, Champagne	
PRACTICAL	DIY, luggage	
PETS	Pet food and accessories, pet health	
HOUSEHOLD GOODS	Kitchen, decoration, linens	

Comments

La CREATION 70 MEGACLIC must be bonded every 7 linear meters with Gerflor Fix and Free 740 double-sided adhesive tape.

The use of electric pallet trucks or other electric equipment should be avoided systematically

INTRODUCTION: CONDITIONS FOR USE

	STATIC LOAD RESISTANCE		
	MAXIMUM PRESSURE	EQUIVALENT FOR MECHANICAL HANDLING EQUIPMENT	
CREATION 70 MEGACLIC	<30 kg / cm ²	< 200 kg / Wheel or bearing point	The wide range of available mechanical handling equipment, cabinets and floor cleaners must comply with various factors such as: size and shape of cabinet feet, type and configuration of vehicle wheels (single or double), their hardness, the mechanical handling system, acceleration & braking systems.

RESISTANCE TO DYNAMIC LOADS

Manutention

Hand-wheeled trolleys, hand pallet trucks maximum load 700 kg

2. SUBSTRATE PREPARATION

2.1. FLATNESS REQUIREMENT

Surface evenness <5mm / 2m and <1mm / 20 cm

2.2. CONCRETE SUBSTRATE PREPARATION

2.2.1. Mechanical preparation

The surfaces should be prepared with care to remove any soiling, laitance, curing products or any other foreign bodies. The physical procedures must be based on the condition of the surface, the area to be prepared and their location. They include shot-blasting, sanding, grinding, scraping or diamond grit-blasting. In all cases, the substrate must be mechanically prepared.

2.2.2. Joint treatment

• Construction joints

If the gap is < 1mm wide and it is flush, there is no need for treatment.

If the gap is > 1mm, it is to be treated in the same way as for cracks.

• Contraction joints

If they have an opening < 4mm, they are not treated. If they have an opening > 4 mm, they are treated with epoxy resin.

• Expansion joints

See section 4. Finishing and junction

2.2.3. Crack treatment

On any surface, cracks should be detected beforehand. No treatment is required if they are flush and gap is < 1mm.

2.2.4. Bump and depression treatment

Sanding of bumps and cleaning using industrial vacuum cleaner.

Point levelling of depressions with suitable floor sealer.

2.2.5. Levelling

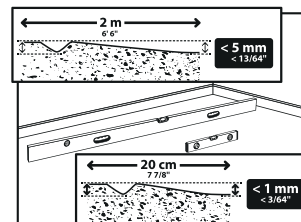
Surface levelling may be required, particularly where the surface is not sufficiently even or in poor condition. A levelling compound with specifications meeting the usage requirements should be used. If the substrate moisture content is between 4% and 7%, we recommend the use of outdoor sealers (consult sealer manufacturers).

2.3. EXISTING FLOOR COVERING

Important: if more than 10% of the existing flooring is in bad condition:

- Complete removal of the old floor covering
- Recovering of the substrate by any mechanical mean
- Application of a smoothing compound or repair mortar if necessary

Reminder flatness requirement : evenness <5mm / 2m and <1mm / 20 cm

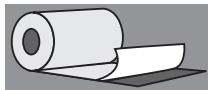


SUBSTRATE	CONDITIONS
For installing this floor covering	
Concrete floor, painted concrete, levelling compound, cement based screed, anhydrite (calcium sulphate)-based screed	Cement based substrate: < 7 % CCM, 92 % RH - Anhydrite-based substrate: < 1 %. If necessary, prepare the substrate and apply a smoothing compound to eliminate any irregularities
Ceramic tiles	If tile joints < 5 mm wide and < 2mm deep, and no unevenness. Otherwise, apply a grouting product or levelling compound. Remove defective or loose tiles and fill with levelling compound or repair mortar. Clean the tiles with a soda-based cleaner, rinsed with water and dry.
Glued compact PVC / Plastic semi-flexible tiles	If defects >10% of the surface area, remove defective or loose tiles and repair with levelling compound or repair mortar. Clean the tiles with a soda-based cleaner, rinsed with water and dry.
Resin	The substrate is retained if there is no lifting of the resin and it defects >10% of the surface area. Treat cracks with gaps >4mm. Treat any holes or flaking with a diameter >10mm using a equivalent resin.
Textile floor covering (carpet) / textile or foam-backed PVC floorings, laminate, linoleum, other wood and substrates	Complete removal and new substrate preparation

3. INSTALLATION



Laying ambient temperature
Minimum : 15°C



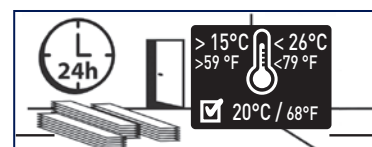
Laying on extra large
double sided adhesive
tape each 7 linear meters

Before laying the floor covering, it should be inspected, so as to detect any visual defects. In the event of any visual defects, please notify GERFLOR and do not start laying the product before receiving GERFLOR's approval.

■ 3.1. INSTALLATION CONDITIONS

The floor covering must be stored in the target premises at least 24 hours before laying (minimum laying temperature 15° C). Mix planks/tiles from several boxes of the same series to avoid colour differences.

Reminder : the substrate must be dry, hard, perfectly adherent, load-bearing, flat and free from grease, dust and silicone.



■ 3.2. SURFACE LAYOUT

- Each sales area is dealt with separately.
- Planks/tiles must belong to the same batch.
- The contractor must draft a layout plan to meet the following requirements:
 - The tiles/planks must be laid primarily in the direction of traffic.
 - At the ends of rows, the lengths of planks/tiles must be > 25 cm.
 - From one row to the next, the offset between planks must be > 25 cm.
 - Tiles must be laid in staggered joints (offset by half a tile).
 - At the edges, the width of the planks/tiles must be > 1/3 of a plank or 1/2 of tile.

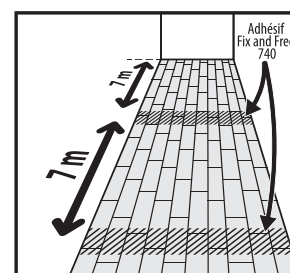
■ 3.3. PLOTTING THE CENTRELINE

Plot the centreline taking into account a balanced cutting scheme on each side.

■ 3.4. LAYING THE DOUBLE-SIDED TAPE

A strip of Fix and Free 740 double-sided tape must be positioned every 7 linear meters in the direction of traffic.

Depending on the nature of the substrate, the application of a primer may be necessary according to the following table:



SUPPORT	PRIMER	TYPE OF ADHESIVE
Hydraulic cement Dryness ≤ à 4% moisture (CCM)	Grip A 700 (Bostik), P121 / F78 / Seal Concrete (F BALL), TEC 049 (HB Fuller), ECO PRIM T (Mapeil), PE360 (UZIN)	Fix&Free 740 from Gerflor
Hydraulic cement Dryness: Moisture content between 4% and 7% (CCM)	F78 (F BALL) EPOXY PE 470 (UZIN)	Fix&Free 740 from Gerflor
	Associated primer (cf. technical data)	2-Components PU glue
Tiles (joints < 5 mm wide and < 2 mm deep with no unevenness)	No	Fix&Free 740 from Gerflor
Resin, old PVC covering	Stripping is necessary to remove any cleaning product	

When applying the primer, follow the manufacturer's recommendations (refer to the technical data sheet).

Unroll the Fix and Free 740 double-sided tape, smoothing it down with a smoothing block.

Caution: the highly adhesive (protected) side must never lay on the substrate.

The protective paper will be removed gradually as the planks/tiles are laid in this area.

■ 3.5. SPECIFIC SITUATIONS REQUIRING FULL BONDING

3.5.1. Heavy traffic area

In area with heavy traffic (exits/entrances, tight turning areas...), it is necessary to apply Fix and Free 740 to the entire surface concerned before laying the planks/tiles.

3.5.2. Area with direct sunlight

In area with direct sunlight or submitted to important temperature variations, it is recommended to glue down the planks/tiles with 2-part PU glue or hybrid glue.

	BOSTIK	CEGECOL	MAPEI	UZIN	F BALL
Gluing in front of sunny area or in area submitted to temperature variation >20°C (bay window...)	STIX P956* STIX H900 Resist+	SOL UR* CEGE HYBRID XTREM	ADESILEX G 19*	KR 430* KE68 Hybrid glue single component	F 49 Hybrid glue 2 component (PSA) Pressure Sensitive Adhesive

* PU 2-components

■ 3.6. INSTALLATION

3.6.1. Laying planks

Two methods are possible:

1st method:

- Aligning joints every three rows. Offset each row by one third of a tile/plank length
- At the ends of rows, the lengths of planks must always be > 25 cm.

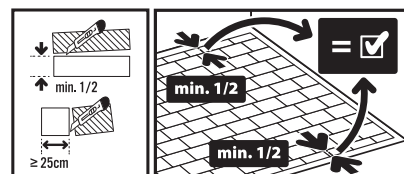
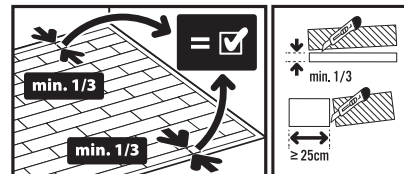
2nd method:

- "Hidden joints" installation. 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
- Planks lengths and staggering must be > 25cm

Whatever the case, the plank width at room edges must be >1/3 of a plank

3.6.2. Laying tiles

- Tiles must be laid in staggered joints (offset by half a tile).
- At the ends of rows, the lengths of tiles must be > 25 cm.
- At room edges, the width of tiles must be > 1/2 of tile.



■ 3.7. CUTTING (INSTRUCTIONS, TOOLS, ETC.)

- Peripheral cuttings are done using the overlapping method, leaving a **5 mm perimeter expansion gap around the edges and around any fixed object.**

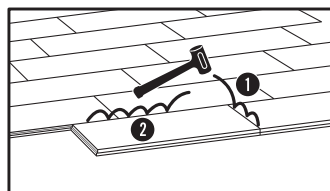
- Cut using a utility knife:

- Mark the surface of the tile/plank with a straight blade.
- Bend the tile/plank to break it.
- Eliminate burrs with a hooked blade.

- Never leave tongues on peripheral tile/plank.

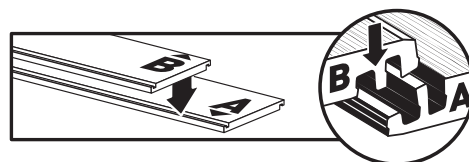
■ 3.8. INTERLOCKING CONDITIONS (INSTRUCTIONS, TOOLS, ETC.)

- Check there are no burrs in the machined groove before interlocking.
- Locate the groove opposite the tongue.
- Interlock the tiles/planks by tapping with a synthetic mallet, starting from the width



Required tools :

- Utility knife - Tape measure - Metal straight edge - Metal roller
- Dead blow hammer - LVT-Clic Roller



Dead blow hammer
Ref 94964 de Romus

4. FINISHING AND JUNCTIONS

■ 4.1 - SKIRTINGS

If the covering is laid before the skirtings, GERFLOR recommends the use of Vynaflex-type or Gerflor Flexible skirtings for floor-wall finishing.

In renovation work or if skirtings have already been installed, GERFLOR recommends the use of a quarter round on wooden baseboards or mastic to prevent any water penetration.

■ 4.2 - CONCRETE EXPANSION JOINTS

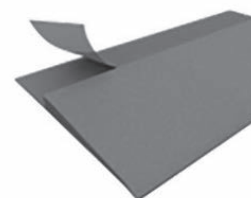
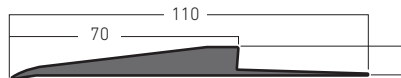
Flush joints: The CJ 20-5 profile supplied by Romus or equivalent is suitable.

Joints with overlay profile: The profile is fitted over the floor covering and is secured on one side only

■ 4.3 - PVC RAMP 6 MM

This ramp can be installed on tiles, concrete, resin and PVC flooring.

See Installation Guidelines [512] PVC ramp 6 mm High Traffic



■ 4.4 - METALLIC FINISHING PROFILE

- Install the Finishing Profile GTI 0505 ensuring that it is fixed 5 cm from the edges
- Stainless steel screws and plugs are supplied with the profiles

Vis TFZ 4x50 mm et cheville 6x30 mm

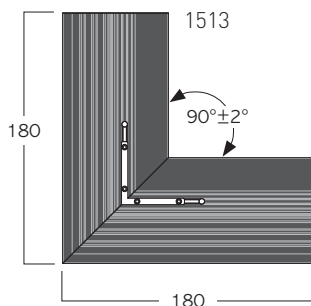
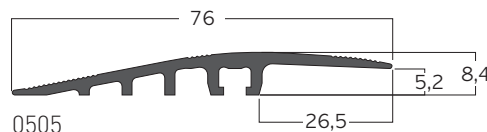
Vis TFZ Ø 4 mm et longueur 50 mm

Cheville Ø 6 mm et longueur 30 mm



3 metre long profile strip with 9 pre-drilled countersunk holes, 4.3 mm diameter.

The spacing between holes is 313 mm
The first hole is 90 mm from the end
The holes are de-burred after drilling



Pre-formed corner profile

Packaging: 4

Supplied with 8 screws, 8 plugs and 4 connectors

Dimensions: 180 x 180 mm

■ 4.5 - DOORS FRAMES

- Use mitre shears to cut around door frame bases and areas difficult to access



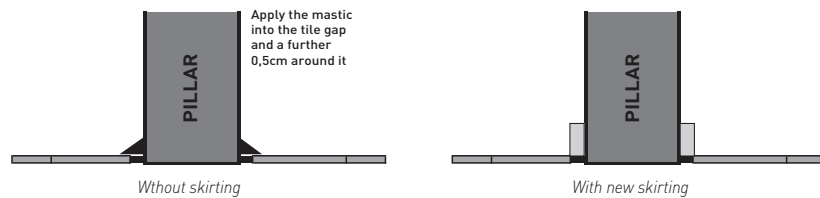
Shears with mitre guide
Référence : Romus : 93415 /
Janser : 237 530 000



High leverage gripper shear
Référence :
Janser : 262 284 000

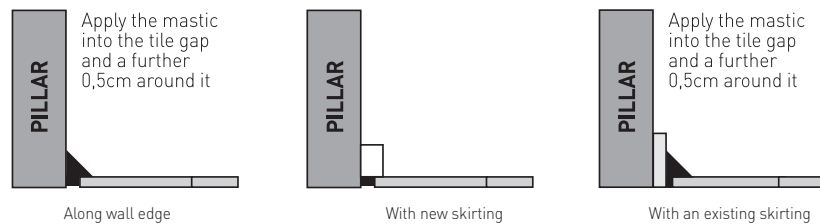
■ 4.6 - AROUND PILLARS

The 5 mm edge clearance should be filled with a MS polymer mastic. This filling may be covered over by a rigid or flexible skirting



■ 4.7 - ALONG WALL EDGES

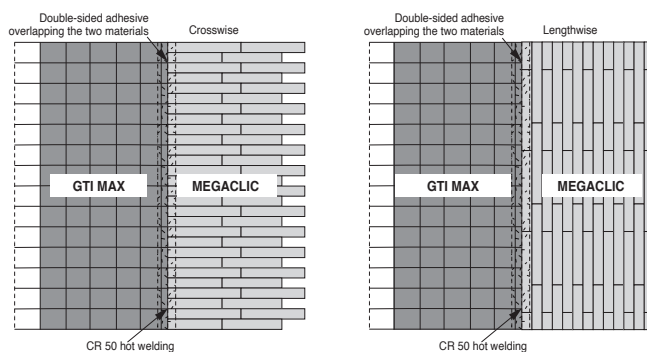
The 5mm edge clearance should be filled with a MS polymer mastic. This filling may be covered over by a glue-on rigid or flexible skirting.



■ 4.8 - CREATION 70 MEGACLIC JUNCTION

GTI Max Connect: Cut off the dovetails. Install a strip of Fix and Free 740 at the junction under the GTI tiles, so that half of the strip is under the GTI. The second half will be below the planks. Remove the protective paper

Creation 70 Megacllic: Cut the planks (always remove the vertical click) and install them, leaving a maximum gap of 1 mm between them and the GTI tiles. Groove, weld with CR50 welding rod and trim according to our installation guidelines.



■ 4.9 - EXTENSION IN CREATION 70 MEGACLIC

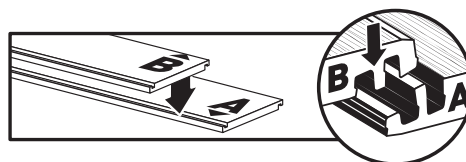
1. Preparation of planks/tiles already laid

Remove the finishing profile.

Remove the last row.

If part A is visible on the penultimate row, cut it neatly.

Clean the subfloor.

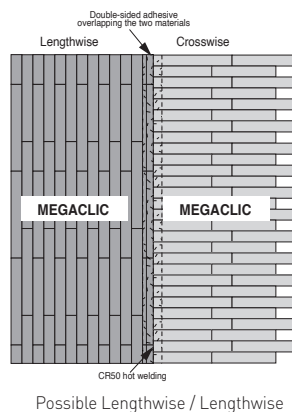


2. Installation of new planks/tiles

Position Fix and Free 740 double sided tape so that it overlaps the old and new floor covering.

1st row: Position part B of the new planks/tiles along the already installed row, leaving a maximum gap of 1 mm. Groove, weld with CR50 welding rod and trim according to our installation guidelines.

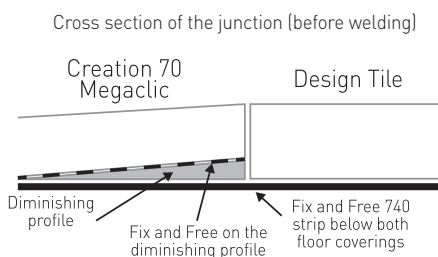
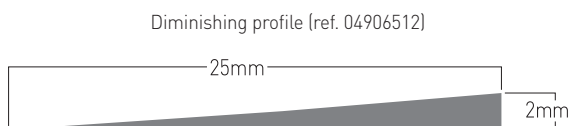
Note: Follow the same procedure when the already installed flooring is Creation 70 Clic



■ 4.10 - JUNCTION WITH DESIGN TILES

As Design Tiles have a different thickness (8 mm), it is necessary to use a 2 mm diminishing profile (ref 04906512).























- Cut the floor coverings neatly (eliminate dovetails and clics).
- Apply a strip of Fix and Free 740 at the junction, so that it will be under both floor coverings.
- Install the diminishing profile along the entire junction, so that it will be under Creation 70 Megaclac and held in place by the fix and free previously installed.
- Cover the diminishing profile with fix and free pre-cut to the width of the profile (2.5 cm) and remove the protective film
- Lay the coverings, leaving a maximum gap of 1 mm between them for hot welding
- Groove then weld with a CR50 welding rod and trim according to our installation guidelines (see PMO [501]).



5. FINAL CLEANING AND MAINTENANCE

Commissioning may take place immediately after the installation of the floor covering, however the following points should be observed:

- The floor covering must be cleaned once the installation work is finished, but no less than 24 hours afterwards
- Remove all dust and off-cuts with a broom and industrial vacuum cleaner
- Wash the floor with a power floor cleaner /scrubber and an alkaline detergent
- Rinse with clean water to eliminate all traces of detergent
- Allow to dry

	Equipment used	Cleaning products	Cleaning methods
Initial or deep maintenance			
Sweeping	 Brush		FREQUENCY : As necessary • Sweep
Scrubbing	 +  or  Scrubber dryer Red disk 3M or equivalent Melamine disk  Linatex blade squeegee	 See table Dosage :  See table	• Clean with the scrubber-dryer (ensure vacuum suction is switched off), and allow the product to work for about 2 minutes • Work in strips, overlapping the lines • Complete the cleaning along the display units with the scrubbing brush and red pad • Clean the residual solution with a squeegee in areas inaccessible to the scrubber-dryer • Clean with the scrubber-dryer and vacuum
Finishing	 +  +  +  +  &  Clearing trolley + Applicator + Red Pad or Melamine Pad + Squeegee	Melamine disk : only water	OR • Sweep • Finishing protocol • Clean with the scrubber-dryer + melamine disc with low speed
Routine maintenance			
Sweeping	 Brush		FREQUENCY : Daily
Scrubbing	 +  Scrubber dryer Red disk 3M or equivalent  Linatex blade squeegee	 See table Dosage :  See table	• Sweep • Clean with the scrubber-dryer (ensure vacuum suction) • Work in strips, overlapping the lines • Complete the cleaning along the display units using a flat applicator equipped with a microfibre cloth
Finishing	 +  +  Clearing trolley + Applicator + Microfibre cloth		

NB : DO NOT USE TOO MUCH WATER ON THE FLOORING to avoid the risk of water seeping between the tiles.

Manufacturers' Contact Details		
SCRUBBER-DRYERS		
TENNANT TYPE 500	NILFISK TYPE BA651	
KARCHER TYPE B60W	HAKO TYPE TB70	
FINISHES	Imop TYPE XL	
CHEMICALS		
DOSAGE / DETERGENTS		
MANUFACTURER	INITIAL / DEEP MAINTENANCE	ROUTINE MAINTENANCE
ROCHEX	Roctonic Boosté (3%)	Roctonic Boosté (1%)
KIEHL	Dopomat Intenso (2%)	Dopomat I (0.3%)
ECOLAB	Neomat A (2-3%)	Magic Maxx (1%)
TANA	Tanex Trophy (10%)	Tanex Trophy (1-2%)
NILFISK	J25 Multi (10%)	Quick Fresh (3-5%)
KARCHER	RM 69 ASF (10%)	RM 69 ASF (0.5-1%)

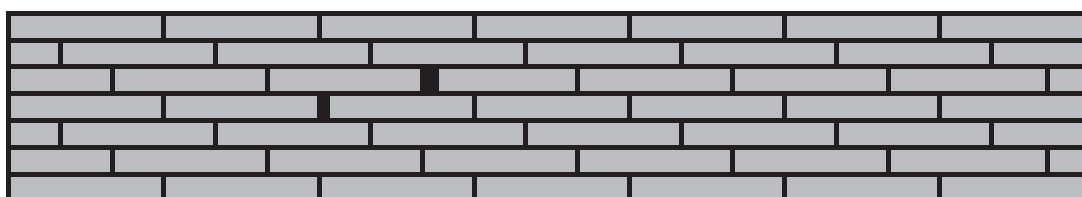
If you have any questions, please do not hesitate to contact our technical department.

6. REPLACING FURNITURE

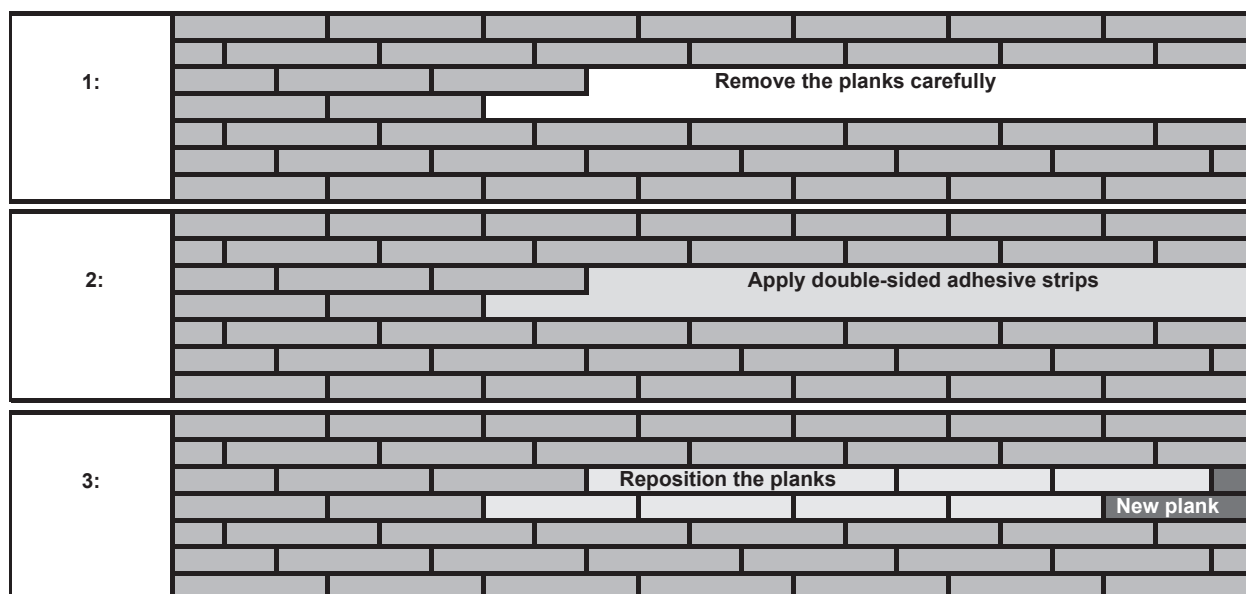
- Replacing the display cabinets (empty or full) and other units must be done by first placing slider boards down to avoid disturbing the loose-lay floor cover.
- Neither the installers nor the manufacturers will accept any liability for damage caused to the floor covering by the replacement of furniture items.

7. TILES OR PLANKS REPLACEMENT

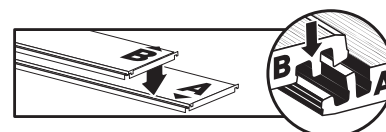
■ 7.1 - In case of damage (scratches) or tongue breakage (small side) of a plank or several planks:



Small sides broken



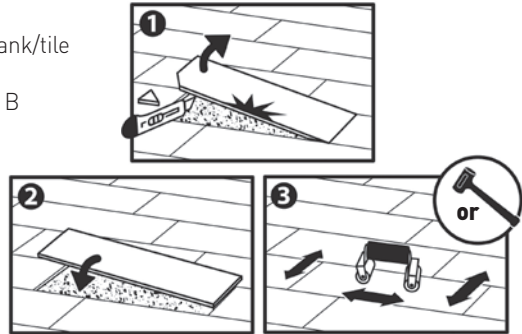
- Mark the laying direction of planks/tiles
- Unclip at an angle the side of the plank/tile that has part B above with a straight blade
- Unclip completely the plank/tile by sliding carefully a screwdriver between the part A and B
- Unclip all planks/tiles to be replaced
- Clean the subfloor and apply a double side tape at the place of the planks are to be replaced
- Replace the first row of planks / tiles with part A of the tongue previously cut
- Then place the other planks/tiles by clipping
- Finish the rows with new planks/tiles



If welding is necessary, refer to our installation guidelines PMO [501]

■ 7.2 - IF ONE PLANK REQUIRES REPLACEMENT

- Find the direction of installation by screwing a screw into a damaged plank/tile angle to find the part B which unclip easily (or cut with a straight blade)
- Complete the unclipping by sliding a screwdriver between the part A and B
- Clean the surface and put double-sided tape
- Lay the new plank/tile with part A of the tongue previously cut



We advise you to keep a “buffer” stock of planks or tiles for possible replacement and to avoid colour differences.

8. HOT WELDING

Laying on double sided tape that hot welding.

Methodology for hot welding: see installation guidelines PMO [501] Tiles and rolls welding

9. ENTRANCE MAT INCORPORATING ROMAT GT

EQUIPMENT NEEDED:

Knife with straight blade / Square / Rule / Tape Measure / CORDEX /
EXAKT Saw circular type DC170 (ROMUS ref: 93891) Screwdriver Torx T10

Installation guidelines: see PMO [509] Kit Romat GT