

iD Pro Gen 55

Installation Instructions

2022

RIGID VINYL TILES

IMPORTANT!

- iD Pro Gen 55 must be stored horizontally on a sturdy base at all times.
- Cartons must be stored horizontally on a sturdy base at all times.
- Protect carton corners from damage.
- Carefully check flooring material for any defects. Contact your supplier immediately if any defect is found.
- Tarkett floors are intended for indoor use only.
- Room temperature shall be between 15°C - 30°C for 48 hours before, during and after installation. iD Pro Gen 55 should be acclimatized to the jobsite conditions prior to installation. Refer to SPECIAL NOTES section below
- Exposure to direct sunlight can result in iD Pro Gen 55 fading and creates excessive heat directly on the finished flooring and surrounding structure which may result in movement. During peak sunlight exposure, the use of drapes or other window treatments are recommended.
- Remove all existing transitions, quarter round, baseboard molding, or cove base prior to beginning the installation.
- Undercut doorway moldings to the thickness of the flooring.
- Do not use foam padding under iD Pro Gen 55

SPECIAL NOTES

When installing iD Pro Gen 55

- in a residential application with fully operational HVAC, transition moldings are not required at egress doorways or between rooms, regardless of overall size of the installation.
- in Light Commercial applications a transition molding **must** be placed at egress doorways, and be used when installations span greater than 40' in any direction

iD Pro Gen 55 may be installed in fully-enclosed spaces that do not have permanent heating and cooling systems in operation. These spaces include seasonal vacation homes, lake cabins, 3 season rooms, etc. The room temperature shall be 15° - 30°C for 48 hours before and during the installation. The use of temporary temperature controls may be needed during this period. iD Pro Gen 55 shall be installed in these spaces with a full 12mm expansion gap at all vertical surfaces. **NOTE: When installing iD Pro Gen 55 in these applications, a transition molding must be placed at egress doorways and when installations span greater than 12m in any direction.**

CONCRETE SUBSTRATES

1. iD Pro Gen 55 may be installed over properly constructed and prepared on-grade, above-grade or below-grade concrete subfloors.
2. The subfloor must be level, flat, clean, free from marks (no felt pen, marker of any type, ballpoint pens, paint, etc., that could cause discoloration due to migration), sound, dry, solid, hard, smooth (absorbency must be checked) and not exposed to moisture.
3. The preparation / dryness of the subfloor and installation procedures should be in accordance with the current relevant standard within the country of use. The dryness of a solid subfloor should be below the maximum moisture level permitted when tested in accordance with that standard. E.g. in the UK, the relative humidity of concrete surfaces must be below 75%, and less than 2% with the CCM method. In North America, ASTM F-170 recommends a water-to- cement ratio of 0.40 to 0.45.
4. Do not install Tarkett flooring over expansion joints, or other moving joints in the substrate. These joints must be respected and should not be filled with products that are not intended for that purpose. Contact an expansion joint cover manufacturer to meet specific flooring conditions.

WOOD SUBSTRATES

iD Pro Gen 55 may be installed over single floor wood construction in residential applications only, Subfloor must meet the following requirements:

1. Wood joist or truss systems spacing must be a maximum of 40 mm on center. Wood or joist truss systems spacing of 40-50mm is acceptable for double wood layer construction.
2. Subfloor panels must be dry, sturdy, smooth and dimensionally stable.
3. Subfloor panels must be 19mm minimum thickness tongue and groove plywood or oriented strand board (OSB).
4. Subfloor panels must be good one side, and have a fully sanded face with a solid core (no voids).
5. Subfloor panels must be exterior grade or classified as Exposure I.
6. All suspended wood subfloors must have at least 45mm of well-ventilated air space clearance above the ground. The ground under the crawl space shall be covered with 0,25 mm or thicker polyethylene layer to reduce moisture vapor transmission.
7. Offset subfloor panel joints by at least 40 mm so that four corners do not meet.
8. Subfloor panels must be securely fastened to the joists and free from spring or deflection. Deflection shall not exceed 1.1 mm per per APA Product Standard 2-10 Performance Standard for Wood-Based Structural-Use Panels. If glue-nail procedures are required, use a solvent-free construction adhesive.
9. Subfloor must be level within 3 mm in 2.5 m. Any unevenness must be sanded down or filled with a cementitious patching compound. Any unevenness may prevent Tarkett rigid Vinyl tiles from locking properly.

Wood subfloors not meeting the above requirements must be covered with 6mm minimum thickness underlayment grade plywood.

ADDITIONAL SUBFLOOR GUIDELINES

Many installations **over existing floors** produce satisfactory results. However their success is dependent upon the **condition of the existing floor covering**. Installing over existing flooring increases the possibility of indentations and telegraphing of the old floor. Note: The final decision to cover an existing floor with new flooring rests with the flooring contractor and/or installer. Tarkett will not accept responsibility for floor failures where the condition, type or improper preparation of the existing floor is the cause for the failure. When installing iD Pro Gen 55 over an existing flooring follow the recommended guidelines below.

1. Minimum temperature of the substrate must be 15°C.
2. Ceramic, Porcelain and Natural Stone tiles must be smooth, even and well-bonded with a grout line depth less than 1,5 mm. If grout joint depth exceeds the maximum allowable depth, fill with Portland based patching compound following manufacturer's guidelines.
3. Resilient Vinyl floors must be smooth, even, non-cushioned and well-bonded to the substrate.
4. Strip Wood Hard Wood Floors must be smooth, even, with a maximum gap width between boards of 1,5 mm
5. Heated flooring systems must be installed 5 cm below the subfloor and the operating temperature must not exceed 27°C. During installation, lower the radiant heated floor temperature to a minimum 18°C. This temperature should be maintained for at least 24 hours before, during and 48 hours after completion of the installation. Gradually increase the temperature and do not exceed 27°C.
6. Residual adhesives should be mechanically removed to trace amounts and encapsulated with an approved cementitious patching compound or encapsulation Tarkett floor. Do not use chemical adhesive removers or solvents.

WARNING: Do not sand, dry sweep, dry scrape, drill, saw, bead blast or mechanically chip or pulverize existing resilient flooring, backing, lining felt or asphaltic "cutback" adhesive. These products may contain asbestos fibers or crystalline silica. Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard. Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm. Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content.

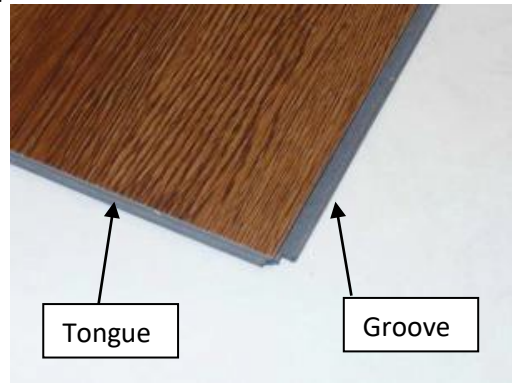
GETTING STARTED

1. Install product out of multiple cartons from matching batch numbers.
2. Inspect all planks for visible defects and damage before and during installation. During installation, inspect the groove area and remove any debris that may prevent proper assembly of planks. Do not install damaged planks. Tarkett will not accept responsibility for claims on flooring installed with obvious defects.

3. Room temperature shall be between 15°C-30°C for 48 hours before and during installation. iD Pro Gen 55 do not require acclimation to the jobsite conditions prior to installation.
4. Remove quarter round, baseboard molding, or cove base.
5. Undercut doorway moldings to the thickness of the flooring.
6. Prepare your layout to determine direction and orientation of planks. No transitions are required when installing in Residential applications with fully operational HVAC. in Light Commercial applications a transition molding **must** be placed at egress doorways, and be used when installations span greater than 12m in any direction
7. Cartons must be stored horizontally at all times.
8. Protect carton corners from damage.
9. iD Pro Gen 55 are floating floors and should not be adhered or nailed to the substrate. The only exception is when installing on stairs.
10. Tarkett floors are intended for indoor use only.
11. Determine in which direction the planks will be installed. To make the room appear larger or if installing in very small rooms or hallways, it is preferable to lay the planks parallel to the longest room dimension.
12. Do not install permanent, fixed cabinets on planks.
13. Carefully measure the room to determine squareness and also to determine the width of the last row of planks. If the width of the last row of planks is less than 50 mm, excluding the tongue, the width of first row of planks will have to be cut accordingly. If the length of any cut piece at the end of any row less than 30 cm, the first plank in the row will need to be cut accordingly.
14. A minimum 6 mm expansion space is required around all walls and vertical objects. Allow a 12.7 mm space for installations over wood substrates that may be effected by moisture or external temperature and humidity fluctuations (i.e. crawlspaces, mobile homes) or when installing in areas without permanent HVAC controls (3 season rooms, seasonal vacation homes and cabins).
15. Although the use of a tapping block and hammer is not required it may help with assembly on the long joints of both plank and stone designs. Make sure that the chosen tapping block is suitable for vinyl and rigid core products. Be careful not to over-tap as this can cause damage to the locking mechanisms.

INSTALLATION

1. Begin laying planks from the left side of the starting wall and work to the right side. The tongue side of the plank shall face the starting wall. The Tongue portion is inserted into the Groove portion of the plank. **NOTE: If you have had to adjust the width of your starting row to accommodate that the width of your ending row will be a minimum of 30 cm, you may not be starting with a full plank.**



2. Place 6 mm spacers between the short and long side of the planks and the wall, use 12 mm spacers for installations over wood substrates that may be effected by moisture or external temperature and humidity fluctuations (i.e. crawlspaces, mobile homes) .



If any doubts or clarifications should be needed, please contact your local Tarkett representative for further information.

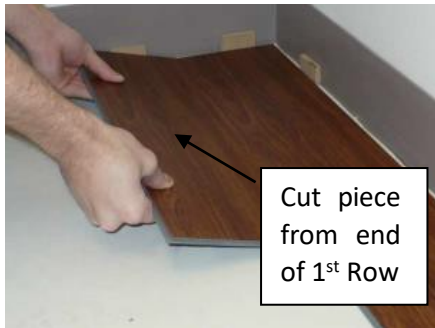
3. The end joints of the planks in the first row are assembled by inserting the tongue side into the groove side of the previous plank at a **natural angle**. Gradually lower the plank down flat until the end joint closes, ensuring that the planks are perfectly aligned. Install remaining full planks in the first row.



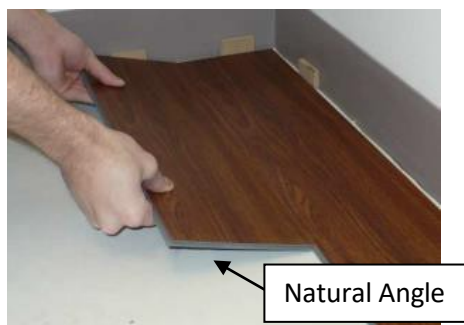
4. The last plank in the first row will need to be cut. Measure the distance between the wall and the surface of the last full plank. Subtract 6 mm or 12 mm depending on the size of the spacer used, from this measurement to allow for the spacer. If this measurement is less than 20 cm, the length of first plank in the row must be cut. This will allow for a longer plank at the end of the row. The first and last plank in each row must be at least 30 cm in length. Planks are cut using a sharp utility knife and straight edge/carpenters square. Score the surface of the plank with a utility knife, and then snap the plank at the score line.



5. The remaining piece cut from the last plank in the first row may serve as the first plank in the second row provided it is at least 30 cm long. Always cut end joints from row to row a minimum of 30 cm.



6. Install the long side of the first plank of the second row. Remember to place a 6 mm or 12 mm spacer between the wall and the short side of the plank. Insert the tongue side into the groove side of the previous row at a natural angle and rotate downward until plank is flat with the substrate. You should only have to lift the plank high enough to get your fingers underneath to achieve this natural angle



7. To install the second plank in the second row. Insert the tongue side end joint into the groove side end joint of the previous plank at a natural angle. Position the long side of the plank with the tongue side slightly overlapping the groove area of the planks in the previous row. Lift the plank upward and working from the left side of the plank to the right, gently push forward until the entire plank engages into the previous row. **NOTE: Use caution when installing the long side of the planks. Do not push on the planks too hard as this may distort or deform the groove. See item 15 in Getting Started to refer to the use of a tapping block and hammer.** Rotate plank downward until plank is flat with the substrate. Continue installing remaining planks in the row. It is important to make sure that the first two rows are straight and square as they can affect the entire installation.

8.



9. Continue working from left to right maintaining the random appearance. Planks may be installed row by row or by working multiple rows using the stair step method. Be sure to maintain proper spacing at walls and vertical obstructions

10. In some cases the flexibility of Tarkett rigid vinyl tiles will allow for easy positioning of the planks under door moldings and casings. In the event this cannot be done, it is necessary to remove the lip on the groove edge of the planks you are fitting to using a sharp utility knife and straight edge. This will allow you to install the plank lying flat. After the lip has been trimmed off on the planks you are fitting to, lay the plank flat on the floor. Apply a thin bead of PVA glue on top of the tongue and push the plank into position. **Immediately wipe off any excess glue with a damp cloth.**

FINISHING THE INSTALLATION

1. After all planks have been installed, remove spacers from perimeter of room.
2. Install transition moldings. Do not fasten any moldings through Tarkett vinyl Rigid tiles.
3. Pre-drill and install quarter round or baseboard molding. Molding must be sufficient size to cover the 6 mm or 12 mm expansion space. Do not fasten moldings through the flooring. Fasten into the wall.
4. Use plywood to cover the top of the flooring when moving heavy furniture or appliances into position.
5. Use proper floor protectors under the legs of furniture.
6. Post installation temperature in HVAC controlled applications with a 6 mm spacing at all vertical surfaces must be maintained between 15° C and 30° C. Ideal ambient relative humidity is between 35% and 70%. Areas without permanent HVAC controls with a 12mm expansion gap may return to typical room temperature.

PROTECTION OF INSTALLATION

If building work is carried out after installation, the floor should always be protected by covering it with hardboard or plywood boards. Masking tape must not be stuck directly on the floor. Never subject a newly installed floorcovering to heavy wheeled traffic at an early stage, as this will force adhesive from beneath the floorcovering.

INITIAL SITE CLEANING

An initial site clean is always recommended before the new floorcovering is commissioned. Residual adhesive should be removed with methylated spirits and a clean cloth.

Lightly soiled floors: vacuum, sweep or damp mop the area to remove loose dirt and building dust. A combined machine is very effective for large areas (combined scrubber / dryer with cylindrical brushes for safety flooring).