

Chapter 2

Limitations, storage and handling

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2.1 Product limitations

Altro products are not recommended in the following areas:

- Areas exposed to certain conditions that may cause staining. For example, areas such as newly applied asphalt in driveways or parking lots, or antioxidants in certain types of rubber used in mats, wheels, and tires. Certain dark colors of Altro flooring or products with Altro Easyclean Technology may minimize this effect.
- Areas which may be subjected to hot objects that may burn or melt vinyl flooring. Vinyl floor covering must be protected from excessive heat, or items exceeding 140°F (60°C).
- Areas where forklifts and/or pallet jacks travel at high speed, since friction caused by the tires can lead to surface damage from tire burn.
- Areas where the presence of sharp items, such as nails protruding from pallets or other objects, could cause severe physical damage.
- Areas subject to excessive spillages of alcohol, ketones or other solvents harmful to vinyl.
- The use of inappropriate, improperly designed, or inadequate floor protection devices. It is the responsibility of the equipment manufacturer to provide suitable floor contacts to prevent indentation or delamination.
- Areas directly underneath hospital bed wheels, or the point load of heavy equipment, should be installed with Altro EcoFix+ with a fine notched trowel. Please consult Technical Services for installation methods.
- Areas with excessive moisture.
- It is the responsibility of the end-user/maintenance provider to assure excessive water does not penetrate or damage the finished flooring.
- In areas subjected to severe surface moisture after installation, or where at least one floor drain exists, Altro safety flooring must be installed with AltroFix 30 or AltroFix ZERO adhesive. Contact an Altro representative for installation information concerning these areas.
- Minimum operating temperatures should not drop below -22°F (-30°C) for Altro Stronghold 30 and -4°F (-20°C) for all other Altro slip-resistant and safety flooring products.
- DO NOT use markers (sharpies, pens, construction crayons, etc.), tapes or paints (construction or other) on the flooring or on the substrate as these items may bleed through or otherwise cause permanent staining.
- Use only recommended cleaning chemicals or their equivalent in the correct dilution. Do not mix two different cleaning products together, and always follow the manufacturer's instructions. Always

check the suitability of cleaners for use on vinyl floors with the chemical manufacturer. Do not use cleaner containing pine oil, phenolic sanitizer, or enzyme cleaners that will be left on the surface of the flooring.

- Altro assumes no liability for damage to our flooring resulting from the misuse or improper use of markers, paints, or maintenance products. Please confirm with the manufacturer of all tape, cleaning products chemicals and equipment for their recommendations.

Please contact your local Altro distributor for advice regarding any of the above.

2.2 Storage and handling

Altro materials must be stored and maintained between temperatures of 68F (20C) - 85F (29C).

- Rolls of Altro floor covering must be stored in dry conditions and stood upright on a level floor. If stacked horizontally, there is a risk of "flattened areas" developing which can lead to installation difficulties.
- Safety precautions should be taken to secure rolls standing on end to prevent them from accidentally falling.
- Store all cartons of tile and plank on a dry flat level surface, carefully stacked squarely on top of each other.
- Many of the Altro floor covering ranges incorporate a colored quartz aggregate in the material. Eye protection should be used and care taken during cutting and grooving procedures.
- If more than one roll is used, unroll the flooring in numeric sequence.
- Sheet flooring should be unrolled with the decorative side up. It should be left unrolled for at least 10 minutes, then back-rolled loosely and again unrolled to eliminate any stress in the material.
- Flooring must be checked for defects before installation.
- When installing flooring, check carefully to see that drops match in shade. It may be necessary to reverse sheets of Altro floor covering to obtain a side shade match. If a side shade match cannot be accomplished, do not install. Contact your Altro distributor.
- Caution should be used in moving and lifting of rolls. Allow for appropriate equipment and manpower to safely move materials.
- When installing tiles the tiles should all be of the same dye-lot / batch number.
- Do not install flooring with visible defects.