

Technical Bulletins

Efina – Sheet Vinyl Flooring



Efina is a commercial grade, smooth hygienic vinyl floor incorporating a chip effect (marbling) pattern that is even in both directions of the roll plane.

Efina; Highly Durable, Uni-Directional, Commercial Sheet Vinyl Flooring

Roll Size; 2m x 20m x 2mm thick

Intended use:

- Healthcare
- Food industry, Restaurants fast food, hotels, back-of house
- Change rooms
- Child care
- Housing
- Restrooms
- Ablutions

Performance:

- Fire safety: Pass when tested to ISO9239-2010, Critical radiant Flux 9.1 KW/m²;
- Slip Resistance: R9 slip resistance

Adhesives & Sub-Floor Preparation Materials

Adhesives; Duracryl, HSV, Supacryl, Supatack T9 or Truestik VA1.
Smoothing compound: allnex feather finish
Levelling compounds: FLC, Durabond Superfine,
Floor Repairs; Supaset, Screed 20+

Section 1.0 Installation.

- Ideally the vinyl sheets must unrolled and kept in ambient conditions in the area to be installed in advance of the installation, this will relax the vinyl sheeting and assist with allowing the vinyl to lay flat on the floor during installation.
If this is not practicable to store the vinyl on site, ensure the vinyl is pre conditioned off site, the recommended minimum temperature is 18°C, achievable with normal heating.
- Trim roll edges if / when appropriate.
- Ensure the adhesive is also conditioned prior to application, all acrylics must be applied at ambient temperature to obtain maximum adhesion. Application in cold or excessively hot temperatures can lead to the adhesive not setting or setting too quickly resulting in either a poor / no bond, or gassing where bubbling may occur.
Apply the adhesive with a V1 or U1 notched Versa trowel blade, Ensure the required quantity of adhesive is applied, too much adhesive will delay the drying time and cause bubbling, insufficient adhesive will also cause bubbling, excessively cold conditions will delay drying and also most likely result in bubbling.

- Carry out vinyl installation,
As applying smooth down the vinyl manually then roll with a 68kg roller, to ensure complete contact with the underside of the vinyl and the floor adhesive is achieved.
If required, Reverse the direction of adjacent rolls
CHECK – before doing so, check that this gives the best aesthetic match.

Lay without reversing if that is a better match.
- Thermo welding of the seams, this should only be carried out after a minimum of 24 hours after installation, if thermo welding is undertaken while the adhesive is still wet the heat from the welding process will create boiling of the adhesive resulting in contamination of the edges of the vinyl which in turn will lead to a failed weld.
- Use a P Type Groover for forming the routed seams this will create a U shape seam and should be routed out to a depth of 1.5mm of the thickness of the vinyl.
- Use an Anti-Glaze speed weld tip to carry out the welding process, this concentrates the heat into the formed seam and reduces heat spillage onto the surface of the leading edges of the vinyl which if happens will show as a glaze line on the seam.
- Trimming of the weld rod should only be undertaken after the seam has cooled. If trimmed too early then shrink back of the rod will occur resulting in a depression in the seam which will become a dirt trap.
- Finishing strips Cove Strip 5.2mm or allnex PVC Wall Capping; install true and level mechanically fix to the wall surface, mitre all internals, external, fit before laying the vinyl.
- Coved upstands; use a preformed cove former “Flexicove 28mm” or pencil cove.
The use of a cove former supports the vinyl at the floor wall junction and allows easier cleaning of the otherwise tight radius of the pencil cove.
- Following the Installation of the body of the floor,
adhesive is applied to the cove and wall upstand,
allow the adhesive to set up “Becomes Tacky”
Heat the back face of the vinyl with a hot air gun
smooth the vinyl into place, trim fit at the correct angle to ensure the vinyl is held behind the front edge of the cove strip, apply pressure to the wall surface and cove area with a stainless steel cove roller. If the vinyl is not positioned fully into the cove strip then gaps will occur and pressure on the cove area may allow the vinyl to become detached from the wall surface
Thermo weld all internal and external corners.

Floor protection such as pattern scribe paper should be used to protect the vinyl floor surface prior to the floor cleaning programme; this will reduce the amount of initial cleaning required before the application of the polish system

Allow the floor to fully dry and settle before allowing traffic and furniture to be replaced.

Post Installation Finishing:

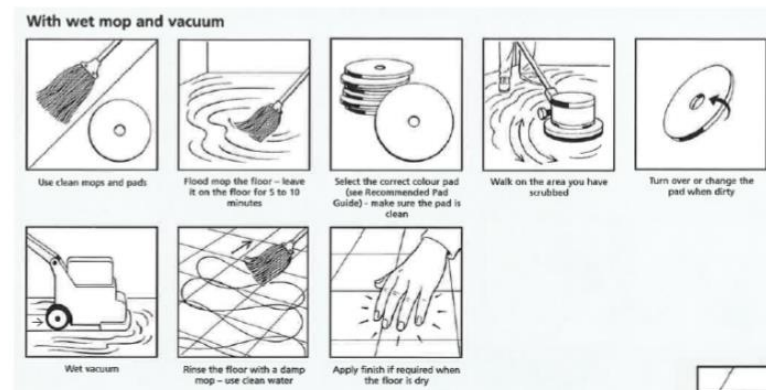
Efina is finished with a polyurethane coating which reduces initial cleaning requirements and provides a foundation for an ongoing maintenance regime.

Excessive surface damage or wear during the construction period or during in-use may require the immediate use of protective floor polishes.

Due to the unpredictable nature of wear on floors allnex generally recommend the use of applied polishes during cleaning regimes to maintain the floors performance,

See Cleaning and Maintenance below and on separate allnex technical bulletins

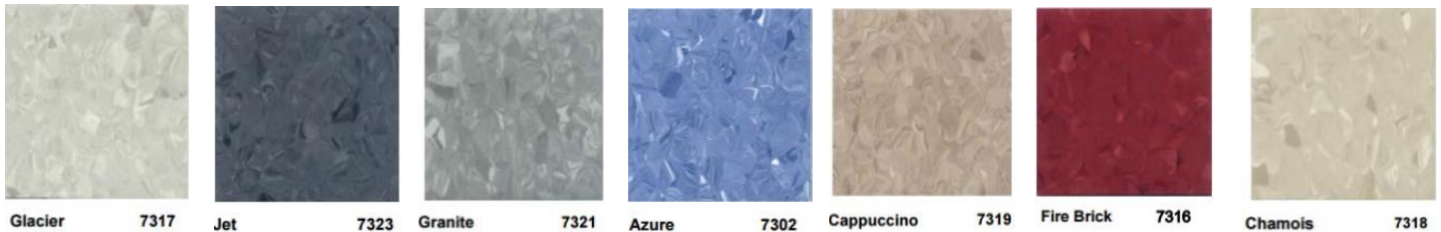
Cleaning & Maintenance



step 2. Application of polish



Colours (NZ Stock)



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For all data, please refer to our website. www.allnexconstruction.co.nz

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