

Assuming:

- Nydree MRA1585 adhesive/moisture retarder is used for the installation of all Nydree Flooring.
- The proper trowel size is used, based on concrete slab moisture results.
- The building uses controlled air in the summer months preventing large swings in humidity.
- There is no excessive wet mopping of the flooring. (There are many instances where ceramic tile is installed alongside Nydree Flooring within the same installation. Cleaning crews routinely wet mop the ceramic tile. They must be careful to keep all that moisture away from the Nydree Flooring).

There will be little to no expansion of the Nydree Acrylic Infused Flooring. Glue down installations of Nydree Engineered Flooring with at least 85% transfer of adhesive between the concrete and flooring expand very little with normal changes in humidity.

It is prudent that some expansion spacing be utilized at the perimeter of an installation whenever possible in case of a very long power failure (long period of high humidity), isolated flooding, etc..

Whenever possible (when expansion gap can be covered or hidden) allow 1/4" expansion spacing at all vertical obstructions.

Obviously longer flooring runs would require larger expansion spacing in the event the flooring would ever need to expand.

As a general guideline use (both length and width directions):

1/4" expansion spacing at all vertical obstructions when flooring run is less than 25 feet.

1/2" expansion spacing at all vertical obstructions when flooring run is >25 to 50 feet.

(Most wall base is usually a little more than 1/2" thick so 1/2" expansion spacing can be easily covered)

For runs >50 feet to 100 feet in either the length or width direction, drop in a premolded expansion strip about half way through the flooring run and allow 1/2" expansion spacing at the start and end of the run of flooring. Alternatively allow 1" expansion spacing at all vertical obstructions when flooring run is >50 feet to 100 feet.

Also remember that the base of the walls (drywall, etc.) can be cut back to allow for expansion spacing. Never nail base molding or quarter round into the flooring, always nail into the wall.