

Product Application

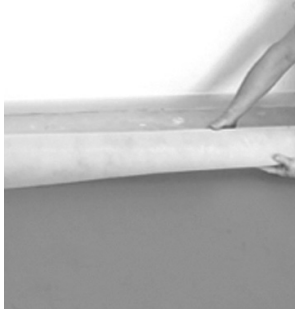


Temporary Floor Protection Ltd
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The TecDura mat must be laid with the coloured side up. Only use the TecDura mats in conjunction with the recommended TecDura base coat. Always clean the floor first of any loose debris.



Step 1 - Start with the overlap edge of the TecDura mat facing into the area to be covered. Roll the mat out about 1 metre, aligning the mat against the edge of the wall to ensure a straight roll out.



Step 2 - While maintaining the position of the main TecDura mat roll, lift up the rolled out section away from the wall's edge, allowing you to begin applying the base coat.



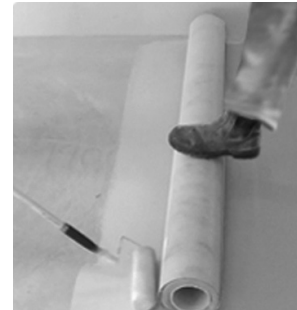
Step 3 - Beginning at the wall's edge, start applying the base coat directly onto the substrate in a consistent coat by roller or spray. Apply it as wide as the TecDura mat roll and bring it about 1 metre out from the wall.



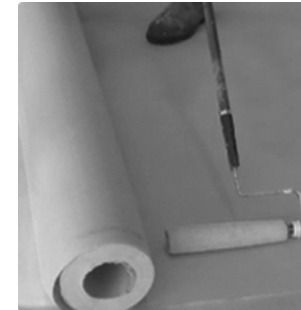
Step 4 - Lay the rolled out section of TecDura mat onto the wet base coat and press it in immediately, using a dry roller. It is critical that the mat is uniformly pressed into the base coat immediately after application of the base coat.



Step 5 - Once the first mat section is pressed into the base coat, roll back the main TecDura mat roll until you have a small amount of the existing base coat exposed.



Step 6 - Start the base coat application again beginning on the exposed section from the first application and extending out about 1 metre. Press the TecDura mat in as you go. Best practice is to work in pairs - one applying the base coat along the exact width of the mat and the other pressing in the mat directly following.



Step 7 - If needed at the end of the area, simply cut the TecDura mat with a blade or use scissors.

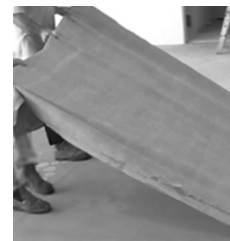


Step 8 - Next, move the whole TecDura mat roll to the starting end and place the mat as per Step 1. Using the uncoated edge of the first pass as a parallel guide, overlap the roll so that the uncoated edge is covered. Roll out a small section of mat for alignment to ensure that the next section will be straight and will not drift off this line further down the area of application.



Step 9 - Apply the base coat up to the edge of the previous section including covering the untreated overlap edge of the previous section. Press down the mat with a dry roller immediately after applying the adhesive.

Failure to properly press in the mat may result in a poor lamination and possible failure when peeling up



Removal - When ready to remove the TecDura mat, work with a partner and simply lift a corner and peel it back at a 45 degree angle. To make the process easier and faster, nip the edge at 1 metre widths and tear it into thinner strips. Dispose of mats responsibly.

TecDura Application Guide

HD | MD



Before You Begin Application

1. Check The Surface Is Suitable For Use With TecDura Mats

Suitable Substrates

The TecDura HD and MD mats are suitable for use on:

- Polished or decorative concrete - Please note the TecDura base coat should only be applied to sealed concrete. TecDura supply a recommended sealer for use with the TecDura mats. However, if using a different sealer, please confirm suitability with TecDura prior to use. Most power floated or decorative concretes will have a sealer applied to control curing so the sealer is not an additional cost to the construction process. The concrete must have been cured for more than 7 days before the TecDura mat is laid.
- Marble
- Terrazzo
- Porcelain and ceramic tiles - Due to the variable condition of grout, TecDura cannot guarantee against minor loss of grout during removal of the mat.
- Granite
- Sealed hardwood and natural stone - TecDura mats should only be laid on sealed surfaces.
- Cured fibreglass

Unsuitable Substrates

The TecDura mats are not suitable for certain substrates, including but not limited to:

- Glass or transparent surfaces open to UV (windows etc)
- Most linoleums and vinyls, due to pH
- Substrates that need to breathe
- Fibrous materials eg carpet, fabric, felt
- Unfilled travertine
- Rubber surfaces
- Pavers
- Uncured substrates with sealers,

coatings, gel coats, epoxies etc.

- Areas where liquid pooling will occur for lengthy periods
- Areas where there has been solvent spillage
- Unsealed hardwood
- High pH substrates not neutralized (prior to a 7 day cure of fresh concrete)
- Limestone

2. Always Test TecDura Before Using

Apply the TecDura base coat with a brush or roller to a sample test area of approximately 300mm square. Dry time will vary between 10 to 30 minutes depending on conditions. Once the TecDura base coat is dry, peel it up. Inspect the surface to ensure that it peels up cleanly and easily, that there is no discoloration or staining or unusual residues.

If there is any doubt regarding the substrate to which you wish to apply the TecDura mat please contact TecDura for more information. TecDura will not be liable for failures due to incompatibility.

3. When Selecting Your TecDura Mat Consider The Following

Site Conditions

Traffic

- TecDura's HD mat is designed to provide protection for use of machinery such as forklifts and man lifts. TecDura MD can withstand the use of lighter machinery.
- Scaffolding – The HD and MD mats are both suitable for use with scaffolding.

Duration and Choice of Mat

The duration of protection provided by TecDura mats is driven in part by the level of construction traffic on-site. In general, the mats can be expected to perform as follows:

HD mat – 12 months interior, 9 months exterior

MD mat – 9 months interior, not suited to exterior use.

Water and Spill Resistance

HD offers a very high water and spill resistance. Spills sit on top of the HD mat allowing time for excess liquids to be removed. MD offers moderate water and spill resistance.

Safety

Safe practices need to be followed including good ventilation, breathing apparatus for enclosed spaces, safety clothing and glasses. For full details refer to product MSDS sheets on the website.

Weather and Conditions

Do not apply TecDura

- Externally if rain is likely within 6 hours.
- When the surrounding air temperature is below 40 degrees F / 5 degrees C.
- To a surface over 105 degrees F / 40 degrees C, as the base coat will dry too quickly to adhere to the mat properly.
- Clear the area of any traffic and cordon off the area for at least 3 hours to allow TecDura to fully dry (HD will take longer to dry, but it will be able to take foot traffic after 3 hours and machinery the following day).
- Removal - Do not remove below 36 degrees F / 3 degrees C

Spread Rates

The spread rates of the base coat will vary due to weather, drying times, how porous the substrate is on which it will be applied, and the application method (roller or sprayer). On flat sealed continuous substrates the base coat will yield approximately 5m² per litre.

General

- Check the shelf life of the base coat.
- Always check substrates for contaminants and uncured coatings or sealers.
- Do not dilute the base coat.

4. Application Equipment

The TecDura base coat can be applied using one of the following methods:

1. Manually with an 18" Paint Roller with extension pole. Nap cover of 1/2" or 3/8"
2. An Airless Sprayer (Macro Graco 395 Ultra or similar) with a Pressure Roller Attachment
3. An Airless Sprayer with a Gun Attachment

5. Repair & Maintenance

If the TecDura mat gets damaged or ripped and needs replacing, remove the damaged section and apply the base coat and a section of new mat using the same method as detailed in the Application Guide. Ensure the replacement piece fits the original removed with some small overlap.

Excessive wear in a particular section can be replaced with a new product using same process as above.

Excessive Liquid

Do not allow water to flow onto or pool around the edges of the TecDura system. The TecDura HD system provides excellent moisture resistance and can withstand excessive rainfall for long periods of time. However, issues can arise when water is left standing on a mat for extended periods of time. Proper run-off is recommended. Otherwise, regular mopping or sweeping off excess water is required to ensure the mat can perform effectively. If the coating of the mat is underwater for some time it will become soft and subject to damage. However it will reharder if allowed to dry out.

Harsh Chemicals

Chemical spills need to be mopped up immediately and inspected to check if a removal and repair is required.

Heavy Objects

Avoid dragging heavy objects across the surface. All heavy objects need to be lifted and placed into position. Large items such as scaffolding should always be lifted and placed down rather than dragged as this could tear the coating and thus damage the substrate. Do not drop large and/or sharp objects from a height. These can penetrate the system and potentially damage both the mat and the substrate below.

DISCLAIMER TFP Ltd disclaims all liability where there is a failure to follow the instructions set out within this guide.