

TECHNICAL

WATERPROOFING

SEALED OR COATED DECK SURFACES BULLETIN



Tuff Industries recommends that all installation surfaces are completely free from synthetic compounds such as chemicals, sealants, or coatings. Avoiding substances that could affect the bond of the Tuff branded vinyl deck membrane is critical to the product's long term performance. Existing coatings or contaminants could also cause discoloration or premature aging of the Tuff vinyl decking product.

If you encounter a project where the existing synthetic compound cannot be completely removed, you must conduct an adhesion test. This test will ensure that the existing finish will not compromise the bond and that it is compatible with our Tuff low VOC contact adhesive. Before using the contact adhesive, make sure to read the safety guidelines on the container and use caution when applying.

ADHESION TESTING FOR COMPATIBILITY

Apply our Tuff contact adhesive to a 4-foot square area of the deck and allow to dry. Next apply contact adhesive to the back of a similar sized piece of Tuff vinyl deck membrane and allow it to become tacky. Apply the piece of Tuff vinyl to the test area and seal the edges of the vinyl membrane with caulking. Tuff recommends testing multiple spots at different locations on the deck surface. Wait 72 hours for the adhesive to cure before checking the tested areas by pulling back the Tuff vinyl membrane.

If the coating negatively interacts with Tuff contact adhesive the coating could blister prior to the installation of the membrane or peel from the substrate when you perform the pull-back test. If you notice these or any other compatibility issues between the adhesive and coating then the coating must be completely removed before proceeding with the installation of Tuff vinyl membranes.

If the coating does not negatively interact with Tuff contact adhesive and remains bonded to the substrate during the pull-back test there is still the possibility of negative interactions with the bond over a longer exposure period. It is at your discretion to proceed to adhere the Tuff vinyl deck membrane to the prepared surface.

INSTALLATION AND LIMITATIONS

If the installation applicator or supervising professional for the project bonds Tuff vinyl membrane to the coated surface, the membrane could still become un-bonded or discolored and / or have unknown compatibility issues over a longer time frame. Notwithstanding, Tuff Industries will offer their standard manufacturer's warranty for Tuff branded vinyl products applied over a coated surface, but will not guarantee the product against bond release or negative chemical interactions which could affect the appearance or adhesion of the membrane.