

PowerCoat Urethane & ProCoat Resin Part B

Vexcon's solvent-based **PowerCoat Urethane & ProCoat Part B** materials have limited life once exposed to air. The best practice is to use all the material within a day or two, resealing immediately between uses. The urethanes include:

- PowerCoat UV+
- PowerCoat UV+HD
- PowerCoat UltraTop
- PowerCoat Anti-Graffiti
- ProCoat HBE System
- ProCoat UR

The **Part B** packs in these systems contain a urethane resin that is sensitive to moisture in air. This urethane resin reacts with moisture from the air, so it is manufactured with a water scavenger and is then packed under nitrogen, an inert gas. The nitrogen-filled head space in the container protects the resin from exposure to air and moisture, allowing shelf stability as long as it remains unopened. Upon opening the container of Part B resin for use, the nitrogen gas dissipates and the material becomes exposed to air and moisture. In the presence of moisture, the resin will begin to react and may foam, and will eventually solidify. This does not happen immediately, but the reaction will be accelerated at higher temperatures. Once opened, PowerCoat Urethane & ProCoat Part B resin will typically be usable for a maximum of several days if resealed immediately and stored in cool conditions.

If the full amount of the container of Part B resin will not be used immediately, measures should be taken to exclude air and moisture. Replacement of the nitrogen in the head space would be ideal, but may be impractical on a jobsite. Immediate resealing of the container is required, and cooling (refrigeration) is recommended where possible to slow the reaction with air and moisture.

If it is not possible to prevent the resin from reacting before reuse of the material, then PowerCoat UltraTop Part B is available separately if needed.

Please contact Vexcon's Technical Services with any questions or for any additional information you may require.

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