

TL-0030 (AP) — Shelf Life, Storage and Handling of GCP Applied Technologies Waterproofing Products Technical Letter

GCP Applied Technologies, ("GCP") manufactures a wide range of waterproofing and air and vapor barrier products that are tailored to the needs of individual markets worldwide. This technical bulletin has been tailored to address the specific products GCP markets for sale and use in the Asia Pacific and includes Australia, China, Hong Kong, Korea, Singapore and South East Asia territory and is only valid for use within this geographic area.

The shelf life of GCP membranes and liquids for structural Waterproofing, are highly dependent on the conditions under which these products are stored. Proper storage is a warranty requirement and improper storage voids any GCP product warranty.

Storage Temperature

GCP Sheet Membranes, (PREPRUFE[®] Membranes and BITUTHENE[®] Membranes) should be stored in their original, unopened packaging at ambient temperatures between 5 °C and 32 °C). During installation these products may be stored on jobsites, in the shade where ambient temperatures may temporarily exceed 32 °C. Shelf life may be shortened when stored at elevated temperatures.

ELIMINATOR[®], INTEGRITANK[®], SAFETRACK[®], DECSEAL[®], BRIDGEMASTER[®] & SILCOR[®] liquid components should be stored in their original, unopened packaging at ambient temperature between 5C° and 25C°. Shelf life may be shortened when stored at elevated temperatures

It is critical that water-based fluid applied membranes are not subject to freezing and/or freeze-thaw cycling.

- Primers should be stored in their original, unopened packaging at ambient temperatures between 5 ° – 25 °C. During installation these products may be stored on jobsites, in the shade where ambient temperatures may temporarily exceed 25 °C. However, Shelf life may be shortened when stored at elevated temperatures. Freezing and Freeze-thaw cycling of all water based products must be prevented to avoid product instability and to prevent damage to the packaging caused by the expansion of the product during freezing.
- Ancillary Products (including, BITUTHENE Liquid Membrane, BITUTHENE Mastic, PREPRUFE Tapes, ADCOR[®] /SWELLSEAL[®] Hydrophilic Waterstop and ADCOR/SWELLSEAL Adhesive), should be stored in their original, unopened packaging at ambient temperatures between 5 ° and 32 °C. During installation these products may be stored on jobsites, in the shade where ambient temperatures may temporarily exceed 32 °C. Shelf life may be shortened when stored at elevated temperatures. For all water based fluid applied products, freezing and freeze-thaw cycling must be prevented to avoid product instability and to prevent damage to the packaging caused by the expansion of the product during freezing.
- Proper storage is a warranty requirement and improper storage will void any GCP product warranty. For more details of the recommended storage conditions and shelf life, please refer to specific product data sheet uploaded in specific country GCP website.

Shelf Life

All products are subject to a shelf life. Shelf life is a critical issue and is product specific. Shelf life of sheet membranes, components of liquid applied products as well as accessories in general range from 6-12 months. In most cases the specific product shelf life can be found on the individual Product Data Sheets or on the product packaging. Product shelf life is also dependent on storage conditions. Storage above recommended temperatures may adversely affect the shelf life. Where the shelf life is unknown or for any questions regarding shelf life your GCP representative should be contacted for more information and guidance.

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