

**ALBODUR® 3003 VP – a novel, self-emulsifying polyol for urethane concrete
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The development of urethane concrete goes back to the 1960s in order to achieve improved impact and abrasion resistance as well as making the cement impervious to chemicals. Thanks to the flexibility of the urethane part, these floors are also more resistant to thermal shocks making them an ideal system for e.g. food processing plants, wet & dry process areas such as dairies, breweries, wineries, distilleries, freezers and coolers, thermal shock areas, laboratories and chemical process plants, pulp and paper plants, warehouses and storage areas.

Our development is addressing the needs for more sustainable and easier to handle material as we developed a self-emulsifying polyol which can be shipped worldwide without transporting water improving the carbon footprint. Emulsifying is “dead easy” and can be done locally where the material is needed with a consistent quality and droplet size of the emulsion. The polyol produces state-of-the-art mechanical and chemical resistance as we are going to show in the presentation.