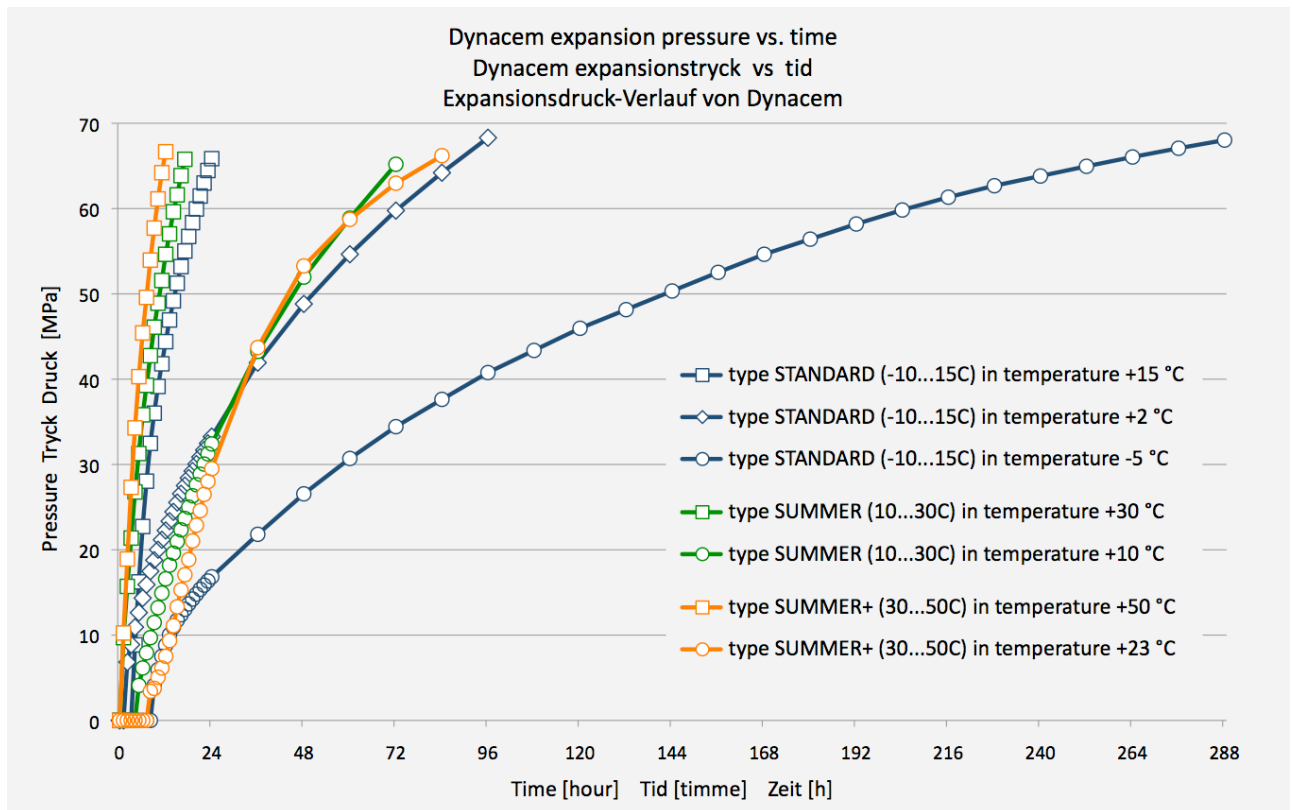


Appendix to Dynacem Data Sheet.

Dynacem expansion pressure increase vs. time is tested for each produced batch of product before it is qualified for sale. Our aim is to provide to customers the highest available today and measurable quality of the product.

Tests are made in selected temperatures related to Dynacem application temperature ranges. Results of currently available Dynacem versions are presented on the chart below.

Each performed test has been stopped to protect the equipment against damage, before the pressure has reached: 70 [MPa] (= 700 [Bar] = 7138014 [kg/m²] = 10153 [psi]).



Conclusions

1. Each Dynacem version in each temperature generated a much higher pressure than the tensile strength of concrete, mineral building materials and the hardest stones.
2. Pressure of every tested sample was still growing in the moment the test has been stopped for safety reasons. Significantly higher pressures, far above 70 MPa, can be obtained after a longer period of time.
3. Each version is slower and weaker performing below or at the bottom of its temperature range and is very fast performing at the top of its temperature range.
4. High expansion pressure can be quickly achieved at any temperature (from -10 to +50 ° C) when the correct product version is used.

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