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LOW TEMPERATURE EXPOSURE TEST FOR CHOCKFAST RED

The following test was done in 1991 for studying the effect of sub zero temperature exposure on CHOCKFAST RED.

Samples of CHOCKFAST RED were placed in a bath of liquid nitrogen at -195°C and left in the bath until the nitrogen evaporated in about 25 minutes.

The following day, when the samples were back at room temperature, they were tested for compressive strength. The average compressive strength was found to be $1,121 \text{ kg/cm}^2$ (15,947 psi). This is the normal strength we get for samples that are subjected to normal temperatures.

Also, it was found that there was no visible damage to the samples and the compression tests did not show any micro cracking.

The above test provides useful evidence about the integrity of CHOCKFAST RED Epoxy Grout on short-term exposure to extremely low temperatures. However, in actual practice we never come across temperatures lower than -50°C .

Regards,

A handwritten signature in blue ink, appearing to read 'P.S. Kalsi'.

P.S.Kalsi
International Chockfast Manager