



Technical Information #6

Standards for 'In Situ' or Relative Humidity Moisture Tests

The American Society for Testing Materials (ASTM) committee has changed the ASTM F1869 Calcium Chloride standard to specifically disallow Calcium Chloride testing for all lightweight aggregate concrete.

Stauf warrants all Stauf products when either the Calcium Chloride or the In Situ Relative Humidity (RH) test methods are used to measure moisture content and the results meet the flooring manufacturer's standards. This warranty applies to poured concrete slabs, lightweight concrete, and essentially any poured sub floor that was formed by mixing it with water.

Stauf standards meet or exceed all current, published standards from the leading flooring manufacturers and those of competitive adhesive manufacturers. Stauf standards for In Situ (RH) testing follow.

In Situ Test (RH) Reading:

Use these Stauf Adhesives:

Up to 75% Relative Humidity
(Compares to 3#/1,000 SF/24 hrs)

WFR-930 SOLVA-MASTIC
PUM-950 POWER-MASTIC
SMP-940 SUPERIOR
M2A-900 ECO-MASTIC

Up to 85 % Relative Humidity

ACS-210 TRUE-SEAL SEALER
D705 VINYL-TACK
D706 COMM-TACK
D708 LINO-TACK
D709 RUBBER-TACK
D711 CARPET-TACK
D720 MULTI-TACK
D722 WALL-TACK
D737 HIGH-TACK
D764 ROLL-TACK

Up to 90 % Relative Humidity

SMP-960 ONE-STEP

Up to 97 % Relative Humidity

ERP-270 PERMA-SEAL EPOXY SEALER
R105 FLOOR-LINK
R201 TURF-LINK
M400 REPAIR-LINK

Visit our web site at www.staufusa.com or contact Stauf Technical Services at 901.820.0007 for more information.

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