MOLD AND MILDEW RESISTANT SOLUTIONS
Hilti Firestop

HILTI FIRESTOP AND CONSTRUCTION CHEMICAL PRODUCTS WITH ASTM-G21 ZERO GROWTH RATING.

CFS-S SIL GG   CF 812
CFS-S SIL SL   CFS-BL
CP 506         CFS-CC
CP 572         CFS-DID
CP 606         CFS-PL
CP 617         CFS-SL GP
CP 618         CFS-SL SK
CP 620         CFS-SK RK
CP 637         CFS-SP WB
CP 643N        CFS-T
CP 644         FS-ONE MAX
CP 648-E        CFS-TTS
CP 648-S       CS-TTS SA
CP 653         CFS-D 1"
CP 675T        CS-SL SA
CP 680-P       CP 605
CP 680-M

Testing for Mold Resistance

The test method used to determine the effect of fungi on materials is ASTM G-21 “Determining Resistance of Synthetic Polymeric Materials to Fungi”. Test is conducted by placing a sample of material on a surface of agar and sprayed with fungi spore. The sample is then covered and incubated at 82 to 86°F (28 to 30°C) and not less then a 85% relative humidity for minimum 28 days. The only potential nutrient is the sample itself. If the sample is not attacked by fungi then the material is considered mold and mildew resistant. The material is then given a rating of 0, 1, 2, 3 or 4 with 0 being the best.

In order to better serve our customers, Hilti subjects all of its firestop and construction chemical products to the ASTM G-21 test. The above listed Hilti products have received an ASTM G-21 rating of 0. Hilti firestop and chemical construction products not listed here have been tested for ASTM G21, many of them receiving an ASTM G-21 rating of 1. A rating of 1 represents a significantly small amount of growth (less than 10%) and would still be considered mold and mildew resistant.

Please ask your local Hilti representative for more information.