

FoamLock 30W05

FoamLock 30W05 is a 2 component fast setting water blown spray foam. It has nominal in-place density of 3.0 pounds per cubic foot.

PRODUCT ADVANTAGES

- Fast reacting

*Values given are not intended to be used in specific preparation

Component Properties

Color - ISO	Dark Brown
Color - POL	Yellow-Light Brown
Specific Gravity - 74°F, ISO	1.23
Specific Gravity - 74°F, POL	1.09
Viscosity - ASTM D-2196 - 74°F, ISO	200 cps
Viscosity - ASTM D-2196 - 74°F, POL	1000 cps

Reactivity Profile

Ratio by Weight - ISO:POL	1.1:1.0
Ratio by Volume - ISO:POL	1.0:1.0
Cream Time	3 - 5 Seconds
Gel Time	12 - 15 Seconds
Rise Time	28 - 34 Seconds
Tack Free Time	18 - 22 Seconds

Typical Physical Properties

Compressive Strength - ASTM D695 - Parallel to Rise	31 psi
Compressive Strength - ASTM D695 - Perpendicular to Rise	35 psi
Free Rise Density	2.75 - 3.15 pcf
Foam Tensile - ASTM D1623	46 psi
Sandwich Shear - ASTM C273	14 psi

RECOMMENDED HANDLING INSTRUCTIONS

Know the mix ratio and initiation time for the products you are using. This information is located in the Reaction Profile section of the Technical Data Sheet. Isotec[®]'s foam products can be mixed with a jiffy mixer. After dispensing the correct amounts of POL and ISO into the mixing container, mix thoroughly for 2 seconds. Stir quickly making sure that you scrape the sides and bottom of the mixing container several times; be careful not to splash low viscosity material out of the container. Remember, foams cure quickly. Do not delay between mixing and pouring.

STORAGE

Liquid urethanes are moisture sensitive and will absorb atmospheric moisture. Mixing tools and containers should be clean and made of metal, glass or plastic. Materials should be stored and used in a warm environment (~72°F) to achieve optimal results.

SAFETY

-Refer to the product SDS for all relevant safety information.

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