

POLYURETHANE RIGID MOLDING FOAM SYSTEM

■ Description

VFI – 735 is a two component rigid polyurethane foam system.

■ Usage

Architectural trim.

Physical Properties

■ Free Rise Density

ASTM D-1622
8.7-9.2 lbs. per cubic feet.

Liquid Component Properties

■ Viscosity @ 75°C (Brookfield)

Poly Component: 1600-2400 cps
Iso Component: 80 cps

■ Specific Gravity @75°F

ASTM D-1638
Iso Component: 1.24
10.3 lbs/gallon
Poly Component 1.14
9.63 lbs/gallon

Application

■ Mixing

By volume:
100 part "A" to 100 part "B".

■ Hand Mix Reactivity@ 75°F

Mix time: 30 seconds
Cream time: 50-70 seconds
Rise: 99 seconds
Store between 65-85°F

■ Free Rise Physicals

Compressive 270-285 psi
Shear 140-150 psi
Tensile 220-240 psi
Flexural 390-405 psi
R Factor 4.9-5.0 btu

■ Pigment Suspension

Polyol "B" component must be stirred to keep pigments suspended. Recycle material from tote drainpipe.

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