



2.0LB SPRAY GUIDE

GENERAL

These instructions contain critical information for the successful installation of E:zero 2.0lb closed cell rigid foam. When these recommendations are followed, E:zero 2.0lb foam will provide the proper yield and insulating value typical of this class of spray polyurethane foam insulation.

EQUIPMENT RECOMMENDATIONS

E:zero 2.0lb foam is designed for use with a 1:1 by volume proportioning unit equipped with heaters to maintain recommended material temperatures. An #01 chamber is recommended for more control. Larger chambers can be used provided operating pressure can be maintained at or above 800 psi. To produce the highest yield and optimum cell structure, dynamic pressures must be maintained above 800 psi and temperatures must be at least 110° F at the gun. Higher settings will facilitate installation under cooler application conditions. Iso and poly components in drums must be at a minimum of 70° F.

SAFETY

Spray only in well ventilated areas. Cartridge type respirators are only effective for short term, low level exposure. Positive air respirators are required when applying isocyanate-containing materials. Workers with the following medical conditions should not work with polyurethane spray foam: Chronic respiratory diseases, asthma, history or presence of allergic disease or skin allergies.

CAUTION

Exposed foam insulation in an interior area presents an unreasonable fire risk. In no instance should E:zero 2.0lb foam be installed without suitable fire resistive thermal barrier.

SPRAY TECHNIQUE

Optimal application thickness is 1/2-inch to 2". Passes thicker than 2.5" could result in excessive exotherm and possible scorching. To ensure adhesion to studs when filling wall cavities the stud surfaces must be sprayed directly using a rapid back and forth sweeping motion while moving from one end of the cavity to the other. It is advisable to test spray a small area to ensure the equipment is functioning properly and that all the previous resin has been flushed from the system.

MACHINE PRESSURE & TEMPERATURE RECOMMENDATIONS

	Temperature °F	Pressure (psi)
A Preheater	110 - 130 °F	800 - 1400
B Preheater	110 - 130 °F	800 - 1400
Hose Temperature	110 - 130 °F	
ISO & Poly Drum Temperatures	70 - 90 °F	

field conditions and equipment will decide optimal temperature and pressure settings