



INSTALLATION GUIDELINES MEL-ROL® AND MEL-ROL LM FOR WATERPROOFING INSULATED CONCRETE FORMS (ICF)

At W. R. MEADOWS, we get many questions about the proper way to waterproof ICFs. The use of our MEL-ROL and MEL-ROL LM as the overall waterproofing membrane will work for this type of application.

The following products will be used in waterproofing ICFs:

MEL-PRIME™ W/B
BEM
MEL-ROL LIQUID MEMBRANE
MEL-ROL
MEL-ROL LM
TERMINATION BAR

RECOMMENDED TOOLS

Broom
Caulking Gun
Chalk Line
Impact Hammer
Paint Brushes and Roller

Surface Preparation ... Remove any oxidized foam (rasp) from the surface.

Joint Treatment ... All joints in the ICF need to be addressed. For applications of MEL-ROL, if joints in the ICF are wider than ¼" (6.35 mm), they should be filled with either MEL-ROL LIQUID MEMBRANE or BEM prior to priming and installation of the waterproofing membrane. Also pay close attention to where the wall meets the footing. This area should be treated with BEM or MEL-ROL LIQUID MEMBRANE. This treatment creates a cant where the wall meets the footing. In applications of MEL-ROL LM, all joints need to be filled with BEM.

Application Method Follow same application procedure as indicated on MEL-ROL and MEL-ROL LM technical data sheet. For more detailed application information, see MEL-ROL INSTALLATION GUIDELINES and MEL-ROL LM INSTALLATION GUIDELINES documents.

Priming ... When using MEL-ROL to waterproof the ICF, priming must be done. MEL-PRIME W/B should be used as the primer. The prime-coat should be in the range of 5-10 mils. After proper priming (not required for MEL-ROL LM) and joint detail, the ICF surface is ready for the application of MEL-ROL or MEL-ROL LM. Apply the product as outlined in the applications directions listed previously. When using MEL-ROL, TERMINATION BAR is required to seal the top edge.



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