

### **OPEN-WEAVE, GLASS FIBER REINFORCING MESH FOR COATINGS**

#### **DESCRIPTION**

Childers® CHIL-GLAS® reinforcing mesh is a high-strength, open-weave, pre-sized, resin-treated, fiberglass cloth. It is used in conjunction with various types of coatings to provide reinforcement of and thickness control for the coating, and to provide a method to bridge gaps, joints and crevices in the insulation. It will not burn, and it meets or exceeds all government or private safety codes.

CHIL-GLAS® #5 glass fiber reinforcing mesh incorporates a thread count of 5 strands by 5 strands per square inch into its construction. The standard roll size is 39" x 150' x 0.0096" in thickness. A roll weighs 3.96 ounces per square yard and is packaged 4 rolls per carton.

#### **ADVANTAGES**

CHIL-GLAS® #5 glass fiber reinforcing mesh, unlike competitive cotton, plastic or glass-treated products, has extremely high tensile strength and provides dimensional stability. It is resistant to most acids and alkalis and will not burn, rot, mildew or decay. CHIL-GLAS® glass fiber reinforcing mesh is easier to apply and fabricate when compared to competitive materials. It may be cut with a knife or scissors and is easily handled. CHIL-GLAS® glass fiber reinforcing mesh is flexible and can be readily flashed to adjoining surfaces.

As a result of its open-weave structure, CHIL-GLAS® #5 glass fiber reinforcing mesh allows for complete penetration of the coating. It is exceptionally strong, and may be anchored onto welded pins or clips or tied into tie-wires to give direct mechanical tie-in to the structure supporting the insulation. It assumes the contour of that to which it is applied. CHIL-GLAS® #5 glass fiber reinforcing mesh is more economical than stainless steel or monel wire and will lie flat on the surface, unlike hex wire.

#### **USES**

CHIL-GLAS® #5 glass fiber reinforcing mesh is normally used when applying a heavily-bodied, high-solids coating to protect large surfaces or in areas susceptible to mechanical abuse. Insulated tanks, spheres and precipitators are prime examples of objects requiring treatment with CHIL-GLAS® #5.

#### **APPLICATION**

Embed the CHIL-GLAS® glass fiber reinforcing mesh into a tack coat of the protective coating, and then apply a finish coat immediately. Be sure to overlap all seams of the CHIL-GLAS® glass fiber reinforcing mesh at least two inches. Follow the application instructions for the mastic or coating selected.

#### **SPECIFICATIONS**

CHIL-GLAS® #5 glass fiber reinforcing mesh is incombustible and will not contribute to flame spread or smoke development.

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### **CUSTOMER SERVICE: (800) 832-9002**

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**For professional use only. Keep out of reach of children.  
Consult Safety Data Sheet and container label for further information.**

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