



TEMP-COAT CORR CONTROL 100

Innovative technological solution for Balkans

TEMP-COAT CORR CONTROL 100



Corr Control 100 Moisture Cure Urethane Aluminum Primer/Finish is a single package high performance coating designed to give you unsurpassed performance over hand tool cleaned and marginally prepared surfaces.



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A one component, Moisture Cured Polyurethane Aluminum Coating. Has excellent adhesion to sound, tightly adherent rusty steel, and other marginal or poorly prepared surfaces. This low viscosity, high “wetting” coating undergoes a rapid molecular weight change as it polymerizes into a high molecular weight finish which provides excellent corrosion resistance and abrasion resistance. Its resistance to creeping, undercutting, and blistering is superior to epoxy primers. TEMP-COAT CORR CONTROL 100 is also a barrier primer or tie coat to prevent lifting of strong solvent top coats over conventional coatings, and most chemical coatings.



- For all types of surfaces
- Fast re-coat 1-2 hrs
- Cures down to -8 °C
- High heat up to 200 °C
- Excellent wetting over sound rusty steel
- May be top coated with most coatings
- Excellent corrosion resistance
- Outstanding abrasion resistance
- Very good weather resistance
- Shelf life is minimum of 6 months in unopened containers stored below 32°C
- Application by roll, brush or spray



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MCU-100 MOISTURE CURED URETHANE ALUMINUM PHYSICAL PROPERTIES CHART

Abrasion Resistance

Method: ASTM D4060, CS 17 wheel, 1000 cycles, 1 KG Load

Result: 18 mg Loss

Adhesion: Cross Cut

Method: ASTM 3359

Result: Passes 5

Adhesion: Elcometer 106

Method: D4541

Result: Exceeds 3.5 MPa

Dry Heat Resistance

Method: ASTM D2485

Result: 200 °C

Flexibility: Conical Bend Mandrel, 180° Bend

Method: ASTM D522

Result: Passes 1/4"

Theoretical Coverage:

21 m²/liter at 25 µm

Recommended dry film thickness: 50-75 µm

Pencil Hardness:

Method: ASTM D3363

Result: 4H

Salt Fog Resistance:

Method: ASTM B117

Result: Passes 1200 hrs

Accelerated Weathering

Method: ASTM D-4587, QUV

Result: Passed: 1500 hours

Application Temperature:

From -8° to +60°C



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Corr Control 100 Reference list

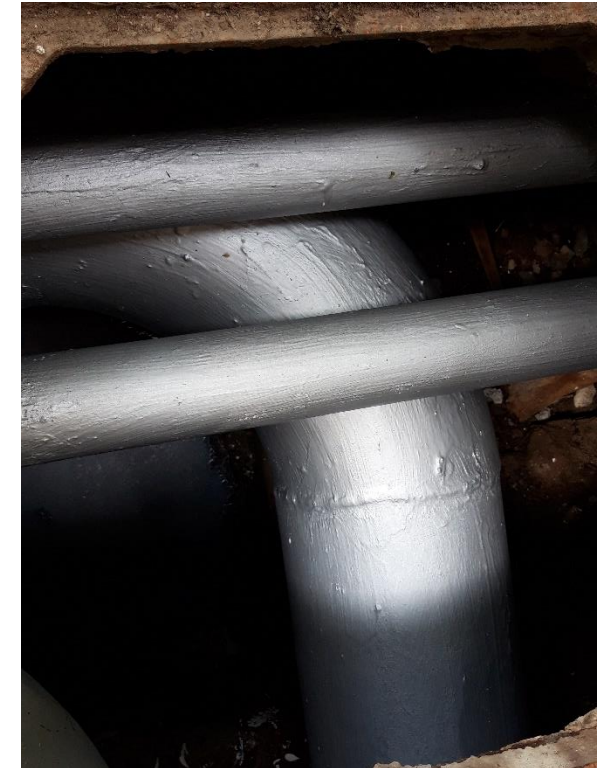
In Russia

Insulation of fuel oil storage tanks at Antipinski Refinery,
Insulation of storage space at a brewery in Volzhsky,
Pipe insulation in Volgograd heating plant,
Pipe insulation at the St. Petersburg heat plant,
Insulation of furnaces and equipment in Omsk refinery,
Equipment's and pipe insulation in Chelyabinsk Forge and Press plant,
Insulation of furnaces and equipment in Moscow refinery etc.

Others

Insulation of OMV oil storage tanks in Romania,
US cost guard,
US Navy,
Insulation of technological plants (facilities) at Pirelli in Germany,
CHEVRON,
EXXONMOBIL,
Pipe insulation in Belgrade District Heating Power Company,
Pipe insulation in Kraljevo Heating Power Company etc.





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