



KPS16 SURFACE PREPARATION EXTERIOR GUIDELINES

EXTERIOR NON-FERROUS METAL (Aluminum and Galvanized) - NEW

To Be Painted

- ⊕ Remove any dirt, grease and other contaminants by high pressure water blast.
- ⊕ Optionally, a “Conversion Coating” may be used to prepare the substrate for coating application. Refer the the conversion coating manufacturers recommendation for use.
- ⊕ Grind any metals burrs and other metal protrusions to smooth the surface using SSPC-SP3*.
- ⊕ High performance coating systems may require using SSPC-SP-5/NACE No. 1*, white metal blast cleaning, SSPC-SP-6/NACE No. 3* commercial blast cleaning, SSPC-SP-7/NACE No. 4* brush off blast cleaning or SSPC-SP-10/NACE No. 2* near white blast cleaning. Contact the Architectural Services Division at Kwal Paint for specific recommendations.

EXTERIOR NON-FERROUS METAL (Aluminum and Galvanized) - PREVIOUSLY PAINTED

To Be Painted

(*NOTE: If lead is suspected in the original paint, do not attempt to remove paint or scrape, sand, use heat gun, etc., which might release lead into the environment, rather contact a contractor qualified for lead paint assessment and abatement.)

- ⊕ Remove any dirt, grease and other contaminants by high pressure water blast.
- ⊕ Remove flaking and loos existing paint by means of SSPC-SP-2*, Hand Tool Cleaning and /or SSPC-SP3*, Power Tool Cleaning. Wear eye protection, dust mask and work gloves.
- ⊕ Dull any glossy areas with medium (120) grit sandpaper. Wear eye protection, dust mask and work gloves.
- ⊕ Optionally a chemical de-glossing agent may be used. Refer the the deglosser manufacturers recommendation for use. Wear eye protection, dust mask and work gloves.
- ⊕ Grind any metals burrs and other metal protrusions to smooth the surface using SSPC-SP3*.
- ⊕ High performance coating systems may require using SSPC-SP-5/NACE No. 1*, white metal blast cleaning, SSPC-SP-6/NACE No. 3* commercial blast cleaning, SSPC-SP-7/NACE No. 4* brush off blast cleaning or SSPC-SP-10/NACE No. 2* near white blast cleaning. Contact the Architectural Services Division at Kwal Paint for specific recommendations.

*(Refer to the Steel Structures Painting Council Cleaning Standards found on KSPC at the end of this section.)

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