

Corrosion Glossary

wash primer

A thin, inhibiting paint, usually chromate pigmented with a polyvinyl butyrate binder.

weld cracking

Cracking that occurs in the weld metal. See also *cold cracking*, *hot cracking*, *lamellar tearing*, and *stress-relief cracking*.

weld decay

Intergranular corrosion, usually of stainless steels or certain nickel-base alloys, that occurs as the result of *sensitization* in the *heat-affected zone* during the welding operation.

wetting

A condition in which the interfacial tension between a liquid and a solid is such that the contact angle is 0° to 90°.

wetting agent

A substance that reduces the surface tension of a liquid, thereby causing it to spread more readily on a solid surface.

white liquor

Cooking liquor from the kraft pulping process produced by recausticizing *green liquor* with lime.

white rust

Zinc oxide: the powdery product of corrosion of zinc or zinc-coated surfaces.

work hardening

Same as *strain hardening*.

working electrode

The test or specimen electrode in an *electrochemical cell*.