RONACOAT PASSIVATES

Passivates have been a time-honored method of improving the corrosion resistance of zinc and zinc-nickel plated surfaces and for the long term protection of aluminum. Ronatec has improved traditional chromate coatings by extending salt spray performance, offering a greater ease of use and by providing post-dip processes that enhance salt spray and corrosion resistance. Below are but a few of the many passivates and sealers offered by Ronatec.

RONACOAT BLUE-BRIGHT PASSIVATES

BLUE 120 concentrated single component, room temperature liquid trivalent passivate which may be applied over zinc and zinc alloy plating deposits produced from acid, alkaline, and cyanide electrolytes. It meets or exceeds all automotive, military or ASTM specification for trivalent passivates

BLUE 175 concentrated single component passivate that has a brilliant and highly polished deep blue-bright appearance that, when applied properly, will exceed 175 hours of neutral salt spray to white corrosion product (in rack application) with even further protection achieved when used with topcoat. With proper Ronacoat Topcoat, it can provide over 350 hrs to white corrosion. **BLUE 175** along with **RONACOAT YELLOW Z-25**, will impart an optional aesthetically pleasing yellow-iridescent bright passivate coating.

RONACOAT HIGH CORROSION PASSIVATE

SM-250 a single additive, easy to use, thick-film trivalent conversion coating for zinc plated surfaces that provides a finish that will consistently exceed 250 hours of neutral salt spray to white corrosion product without the use of top coats. It produces a slightly iridescent finish. With the proper topcoat, it can provide over 500 hours to white corrosion.

RONACOAT YELLOW

Z-26 concentrated, hexavalent liquid material, that is designed to produce a wide range of finished coatings from iridescent yellow, golden bronze or leach-clear chromate conversion coating on zinc and cadmium plated surfaces, zinc die-castings or hot dip galvanized parts for general industry or aerospace applications. It produces a chromate film that has high polishing action, enhancing the final finish of the part. Chromate films set hard and fast, making it good for barrel diecast and on deposits from acid zinc electrolytes, resulting in less rub off.

YELLOW Z-25 is a liquid dye additive that can be added to **RONACOAT BLUE 175** or any trivalent passivate for zinc or zinc-nickel plated parts to produce a bright, uniform yellow/gold color.

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RONATEC

RONACOAT BLACK

RONACOAT BLACK C is a concentrated liquid chrome conversion coating which may be applied over all types of zinc plating deposits produced from acid, alkaline, and cyanide zinc electrolytes. It meets or exceeds all automotive, military or ASTM specification for black chromate conversion coatings. This coating is glossy, non-iridescent and non-conductive, with better adhesion and hardness than competitive black chromate coatings. It will give excellent protection from white corrosion when exposed to a neutral salt spray solution or longer with a Ronacoat post-dip.

BLACK 150 is a trivalent passivate designed for use over acid chloride zinc, cyanide zinc, alkaline cyanide-free zinc, and zinc-iron/cobalt alloy deposits. It provides a consistent deep black finish along with excellent corrosion protection that exceeds 168 hours of neutral salt spray to white corrosion without a sealer. With the proper **RONACOAT** Sealer, will exceed 240 hours to first white corrosion.

ALUMINUM

RONACOAT 2-41 is a powdered material that produces a corrosion resistant chromate conversion coating on aluminum and aluminum alloys. The solution is easy to control, has excellent life and can be applied by brush, spray or immersion. It also makes an excellent base for organic coatings. It meets or exceeds the requirements listed on the Spec. MIL-DTL-81706, the Qualified Products List for Spec. MIL-C-5541 Class 1A, Form II, Method B & C and all aerospace and automotive specifications.

A wide variety of Trivalent passivates for aluminum are also available from Ronatec

SEALERS

SEAL ZCS is a concentrated liquid sealer designed to be used over the top of clear or yellow trivalent passivate coatings. It offers up to 100-350 hours of salt spray protection to less than 5% white corrosion over clear passivates, depending upon the base passivate and up to 600 hours protection over yellow passivate to less than 5% white corrosion. It meets or exceeds all automotive, military or ASTM specification for seals over trivalent passivates.

SEAL100 Organic sealer provides extended corrosion resistance, improves the gloss and scratch resistance and can be applied over clear, blue, and iridescent passivates.

SEAL 350 ideal for parts that require baking, while providing additional gloss, hardness and scratch resistance as well as corrosion protection. For zinc and zinc-alloy plated surfaces.