

Unicoil Launches Coloured Thin Organic Coating HDG

By Adam Smith

Unicoil has launched production of “Mogalvin CTOC,” a hot-dip galvanized steel free from hexavalent chrome with coloured thin organic coating (CTOC).

CTOC is a special layer of coating that combines polymers and inorganic compounds tinted with colour. This provides HDG with higher advanced properties, such as improved corrosion resistance, lubrication during forming operations, finger print resistance and aesthetics, according to Unicoil. It is therefore “...superior to the conventionally passivated galvanized steel,” the Saudi firm tells Kallanish.

HDG with CTOC is suitable for both interior and exterior applications for HVAC, construction, metal furniture, electrical junction boxes, and other applications. It is not a substitute for pre-painted galvanized steel. Mogalvin CTOC is Restriction of Hazardous Substances (RoHS)-compliant.

Unicoil can produce up to 340,000 tonnes/year of cold rolled coil, 250,000 t/y of HDG and 210,000 t/y of pre-painted galvanized steel. The firm is the main supplier of these products locally, and also ships to regional and international markets.
