

Metinvest produces new type of galvanized steel

Metinvest Group's Ilyich Iron & Steel Works of Mariupol manufactured S320GD galvanized steel with 1.5 mm thickness. This product is used to manufacture building structures that are being made in Ukraine for the first time.

Ilyich Iron & Steel Works of Mariupol's cold rolling shop manufactured a trial lot of 1.5 mm thick heavy-duty galvanized coils from S320GD steel according to European standard EN 10346. Metal smelting and casting technology, the chemical composition of steel, and temperature/deformation rolling modes were developed to make these products. The mechanical properties conform to the European standard.

Galvanized steel made from S320GD steel is widely used to manufacture light steel thin-walled structures and window profiles. These products have increased strength characteristics compared to 08kp items manufactured according to DSTU/GOST. This allows for increasing the efficiency of steel constructions by reducing metal consumption and retaining its bearing capacity.

Previously, S320GD galvanized steel was imported into Ukraine, but now steel construction market players can place orders locally. The first batch of galvanized steel was shipped to domestic customers and processed, which indicated that the S320GD rolled products were fully in line with their European analogues.

Manufacturing of thinner galvanized products, which are also in-demand in the market, will be next. The plant has already started making products from S320GD steel with 0.4-0.6x1,000 mm specifications.

Sales director of Metinvest Holding, Dmitriy Nikolaenko:

"Despite the difficult period, we are continuing to gradually develop steel construction in Ukraine. Our key initiative is to extend the product mix because this allows steel builders to be more competitive. Specifically, heavy duty

steel grades

provide additional ways to reduce the production cost of steel structures. We want to provide these products to our customers to allow them to reduce their expenses and comply with best practices in the sector."