

.HD FEATURE

Heavy Duty



PROTECH
— GROUP —

Outdoor components are rarely exposed uniformly as edges, welds, damaged areas and handling points face greater corrosion stress and often determine the service life of the coated product. At the same time, the available pretreatment may not provide the protection required for the target corrosion class. In both cases, a two-layer coating system is therefore often selected for additional protection. However, this adds an extra application and curing step, increasing production time, energy use and process complexity.

Protech Group's .HD (Heavy-Duty) feature increases the salt spray resistance of D-SERIES powder coatings by up to 25%, (based on internal testing conducted in accordance with ASTM B117). This added performance retains the simplicity, speed and costs of a single-layer process. When .HD is combined with LB-SERIES™ low-bake technology, the curing temperature and energy consumption are reduced, providing enhanced outdoor protection through a more efficient coating process.

Typical applications include ACE machinery, steel constructions, outdoor equipment and urban furniture.

General Properties

- Enhanced corrosion resistance: up to 25% longer protection
- Cost-effective one-coat system
- Reduced production time
- Qualicoat class 1 & 2 certified
- Available in low-bake technology
- Excellent mechanical properties
- Can be combined with other features

Technical Properties

