

DURABILITY

Impact Resistance (ASTM D2794) measures the resistance of organic coatings to the effects of rapid deformation (Impact). Impact resistance is measured by placing a coated panel in an universal impact tester. A standard weight is dropped a distance to strike an indenter that deforms the coating and the substrate. The indentation can be either an intrusion or an extrusion. By gradually increasing the distance the weight drops, (1 inch at a time) the point at which failure occurs can be determined by cracking or delamination of the coating. Cerakote™ H-146 Graphite Black was tested to have an impact strength measuring 160 inch-lbs which is the maximum the impact tester can measure.



DIVISIONS OF NIC INDUSTRIES:

PRISMATIC POWDERS® | CERAKOTE™ FIREARM COATINGS | CERAKOTE™ HIGH TEMPERATURE COATINGS