Technical Data Sheet

General Description
PRODUCT CODE: Q6SK252
PRODUCT NAME: ANSI 70 GRAY SDC
CHEMISTRY: SUPER- DURABLE POLYESTER
SURFACE FINISH: SMOOTH

Application Recommendation
Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment Requirements: A five stage pretreatment according to ASTM B449 is highly recommended, Chrome-free pretreatment according to AAMA 2604-05 are acceptable methods of optimum adhesion performance and excellent corrosion protection.
Cure Schedule 10 min. at 400 Deg. F or 15 min. at 375 Deg. F, metal temperature.
Film thickness: 4-5 mils.
Features: Q-Series is Nortek’s line of one coat application Super Durables powder coating with superior corrosion resistance, formulated to exceed the stringent requirements of AAMA 2604-02 specification (American Architectural Manufacturers Association). Superior gloss and color retention, excellent weather resistance, Excellent mechanical properties, Excellent edge coverage, good storage stability.
Typical Applications: All Architectural and construction application including Playground equipment, Agricultural equipment and Marine application.
Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics
Specific Gravity Calculated 1.55
Coverage Calculated 124 squares foot/lb./mil
Particle Size ASTM D3451 0-10% over 200 Mesh
Alpine Jet Sieve 40-45% over 400 Mesh
Gloss 60 Degree ASTM D 523 90+-5 units
Impact Resistance ASTM D 2794 160 in. lbs. Direct/160 in. lbs. Reverse
Flexibility ASTM D 522 Pass 1/8” Mandrel
Pencil Hardness ASTM D 3363 >2H
Adhesion ASTM D 3359 5B- Method B
Dielectric Resistance ASTM D 149 1000 volts per mil
Salt Spray Resistance ASTM B 117 3000 hr. (ASTM D165 Creepage Min.7) (ASTM D714 Blister Min. 8)
Humidity Resistance ASTM D 2247 3000 hr.(ASTM D714 Blister Min. 8)

Weathering: South Florida Exposure 45 degree angle facing South
Color Retention 5 years (ASTM D2244) < 5 DE “CIELAB”(ASTM2244)
Chalk Retention 5 years (ASTM D659) Minimum 8 rating(ASTM D659)
Gloss Retention 5 years (AAMA 2604) > 30% retention(ASTM D523)
Erosion retention 5 years (ASTM D662) <10% Loss

Important Warranty and Disclaimer: The information contained herein is to the best of our knowledge, true and accurate. All recommendations or suggestions for use are made without guarantee, since the conditions of use are beyond our control. The performance characteristics of these products vary according to product application, operating conditions, and materials applied to. Since these factors can affect results, we recommended that you perform your own test to determine to your satisfaction whether the product is acceptable and is suitable for your particular purpose under your own operating conditions prior to using any product in full scale production. Seller warrants the product to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty. Nortek Corporation disclaims any liability incurred in connection with the use of our products and information contained herein. No representative of ours has authority to waive or change these provisions, which applies to all product sales.