

# Carboglas® 1601 SG



**Carboglas 1601 SG is an ultra-high performance, chemically fused glass-flake reinforced multi-functional polyester.**

**PRODUCT DETAILS** Carboglas 1601 SG has outstanding, long term performance in marine environments as a corrosion resistant system with extreme resistance to physical abuse. It utilizes a unique multi-functional polyester matrix that fuses with glass-flake reinforcement to create an incredibly impermeable film. The product enjoys a 33-year documented service history in the marine splash zone on steel pilings. It has extreme film toughness to handle impact and abrasive conditions. Its long term performance in marine environments rivals that of TSA (thermal spray aluminum) and is easier to apply and maintain.

## APPLICATIONS

ATMOSPHERIC MARINE  
ENVIRONMENT  
SEAWATER/SUBSEA  
IMMERSION  
SPLASH ZONE/AERATED SEAWATER  
SPLASH ZONE/PHYSICAL ABUSE  
STRUCTURAL STEEL  
UNDERDECK

## FEATURES

- › Outstanding resistance to all marine exposures (atmospheric, tidal, subsea)
- › Outstanding abrasion and impact resistance
- › Outstanding resistance to both mineral and organic acids
- › Outstanding long term protection
- › Outstanding cathodic disbondment resistance
- › Competes favorably with TSA (thermal spray aluminum) in marine exposures

# Carboglas® 1601 SG

## Quality Product Backed by Quality Service

- › Carboline Company has been solving tough corrosion and fireproofing problems since 1947
- › Industrial service centers and sales offices located around the world
- › Over 20 worldwide manufacturing locations with a global network of sales and technical support
- › Industry leading field service and technical engineering support team
- › Certified to ISO 9001

## Reasons To use Carboglas 1601 SG

PERFORMANCE FEATURE	ADVANTAGE	BENEFIT
Glass-flake fused polyester	Extreme permeation resistance	Long term performance
Reinforced film	Increase film strength properties	Handles extreme abuse (impact and abrasion)
High film build (20 mils/coat)	Achieves optimum film thickness in just two coats	Saves labor compared to other systems
Chemical cure formula	Does not require special equipment for application or cure	Easier and faster to install compared to TSA
Documented 33-year case study	Proven performance in marine environment	Peace of mind

\* A. Kumar and L.D. Stephenson; "Thirty-three Year Study of Steel Pilings in Seawater," NACE Corrosion 2006; Paper No. 06303



**Carboline Company**  
Global Headquarters  
2150 Schuetz Road  
St. Louis, MO 63146 USA  
PH: +1-314-644-1000  
www.carboline.com