

# VENATOR

## Technical Data Sheet

### 8084

Supra-Instant® 8084 is a concentrated carbon black (lampblack) pigment expressly manufactured for mixing into concrete. Supra-Instant® 8084 is treated in a proprietary process with dispersing agents so that it readily mixes into concrete for maximum color power. It is extremely strong; approximately five times stronger than metal-based pigments and has a deep, jet-blue shade. Supra-Instant® 8084 is stable to sunlight and UV radiation, alkali resistant and contains no calcium sulfate. Weather resistance is good, however carbon black can migrate out of concrete in one to four years unless protected from water exposure and evaporation. Sealing concrete or using a high-strength mix to reduce water permeability can eliminate this effect. Supra-Instant® 8084 meets ASTM D-209 Standard Specification for Lampblack Pigment and complies with all respects of ASTM C-979 Standards for Integral Concrete Colors except it effects air-entrainment. Because of the effect on air entrainment, we cannot certify that 8084 complies with ASTM C-979. Monitor mix air content and increase air-entraining admix level if used with this product. It is not recommended for use in concrete masonry, pavers, roof tile or concrete stone. Standard package is 25 Lb. multiwall paper bags. Also available in Mix-Ready® disintegrating bags and True-Tone™ Boxes. *Uses: concrete.*

#### TYPICAL PROPERTIES

Carbon content (%)	90
Weight per Gallon (lbs)	13.3
Specific Gravity (g/cm <sup>3</sup> )	1.6
325 Mesh Retention (%)	0.1
Ignition Loss (%)	99
Moisture (%)	9
pH	7
Particle Shape	Spheroidal
Predominant Particle Size (µm)	0.08