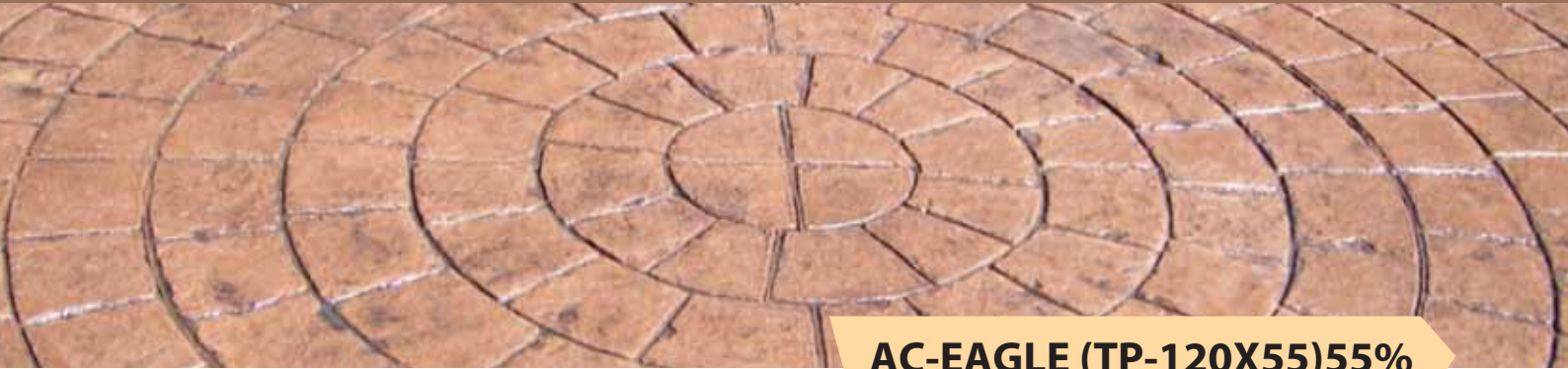




EAGLE CHEMICALSTM
RENEWS YOUR YOUTH LIKE THE EAGLE



AC-EAGLE (TP-120X55)55%

AC-EAGLE (TP-120X55) 55% is ideal to formulate stamped, textured or imprinted concrete that replicates stones such as slate and flagstone, tile, and brick and is used for beautifying pool decks, driveways, entries, and courtyards. Stamped concrete is the perfect outdoor paving choice.

APPLICATIONS

It is recommended to formulate stamped concrete sealer, with very fast solvent release. At 55% solids in xylene, it offers an air-drying system with exceptional durability, toughness, adhesion and resistance properties.

CHARACTERISTICS

- Very fast solvent release
- Excellent durability and toughness
- Very Good adhesion
- Excellent resistance properties

PROPERTIES

Solid content (2 hours at 150°C)	55 ±2 %
Viscosity at 25°C (Gardner Holdt)	Approx. Z6
Acid value (per solid)	5-10
Color (Hazen)	50 Max.

STEPS FOR MAKING STAMPED CONCRETE



1



2



3

Sealer is applied by sprayer, roller, or broom in thin coats.
Over-application can cause bubbling, cracking, and whitening.

Guide formulation to compare weathering resistance of Conventional thermoplastic acrylic* vs. AC-EAGLE (TP-120X55) 55%

RESIN SPECIFICATION

Resin Code	Non volatile	Solvent	Acid value	Viscosity	Color Hazen
Conventional TPA	60 ±2 %	Toluene	5-10	Z4 –Z5	22
AC-EAGLE(TP-120X55)	55 ±2 %	Xylen	5-10	Approx. Z6	10

GUIDE FORMULATION

Raw Materials	Kg	Remarks
TPA	120.0	Thermoplastic acrylic resin
Benton paste (15 %)	20.0	Rheology modifier
BYK 161	2.50	Dispersing agent
Crystal 128	110.0	Rutile titanium dioxide
TPA	164.0	Thermoplastic acrylic resin
BYK 333	0.70	Leveling agent
Solvent mixture	82.8	Xylene : toluene
TOTAL	500.0	

PAINT FILM EVALUATION

Weathering test: Accelerated weathering tester QUV

Sheen Spectrometer (Sheen @ 60°)	ΔE* AF. 240 hrs.	ΔE* AF. 500 hrs.	ΔE* AF. 750 hrs.
AC-EAGLE(TP-60T60) 60%	3.06	6.35	6.81
AC-EAGLE(TP-120X55) 55%	0.815	1.35	1.78



* Conventional thermoplastic acrylic specially for road marking application.