



Polymer Concrete, Inc.

“Real World Solutions”

Resurf®II is a very user-friendly, general purpose polymer concrete. It is designed for all kinds of repairs to Portland cement concrete (except vertical/overhead and crack repair).

Resurf®II can be installed full depth and yet can be easily feather-edged. Sawing is almost never recommended. Shallow spalls can be mended to grade with Resurf®II applied by broom and sprinkle. Sound and even fully cured but below grade Resurf®II repairs can easily be grouted to grade. All repairs have excellent skid resistance.

Resurf®II is polyester based, therefore reactivity adjustments are easy. It can be used year-round and still return traffic in under 2 hours.

Resurf®II polymer concrete is available in convenient half cubic increments. Even these can be easily sub-divided. It comes with extensive case histories and immediate full time technical support.

RESURF® II POLYMER CONCRETE PROPERTIES

WORKING TIME	12 – 20 minutes
COMPRESSIVE STRENGTH	
2 hours	2500 psi
24 hours	7000-8000 psi
7 days	12000 psi
PCC BOND STRENGTH	3500 psi
ASTM C882-78	
COMPRESSIVE STRENGTH	12000 psi
ASTM C579-82	
FLEXURAL STRENGTH	3000 psi
ASTM C580-74	
FLEXURAL MODULUS	2.6 x 10⁶
ASTM C293-79, C580	
LINEAR SHRINK	0.02% max
ASTM C531-81	
COEFF.OF THERMAL EXPANSION	11 x 10⁻⁶ in/in/°F
ASTM C531-81	
TENSILE STRENGTH	1200 psi
ASTM C307 -77	