

# ACCEL-R8

## Asphalt Sealer Curing Supplement

**Accel-R8** has been formulated as an additive to enhance the cure rates and final film properties of asphalt based seal coat materials. Poor drying weather (high humidity), cool temperatures, where errant foot traffic on wet sealer looms, late afternoon/nighttime applications, shaded areas, thick applications on porous pavement, imminent rain showers, and clients screaming to get their lot open in a hurry are all worries that a contractor has while trying to deliver a successful job. **Accel-R8** can help to overcome all of these issues while improving the color, suspension, and durability of the finished product due to our specially formulated chemistry.

### Benefits:

- Progressive Cure (with increasing additions)
- Better adhesion in cool temperatures
- Augments color, resists gray out in cold conditions
- Improves suspension and viscosity
- Extends application season
- Not a latex product
- Low VOC, non-hazardous

**Accel-R8** actively promotes curing through chemistry that pushes the water of the seal coat to the surface for evaporation. While this specialized material is designed for a speedy cure it does have limitations as the conditions get below 40 F and/or humidity above 85%. As with any sealer application it is advisable not to apply this product or others unless sufficient weather conditions exist to assure full cure prior to being subjected to rain, snow, or heavy dew. The atmosphere is the ‘pump’ which must provide a lower vapor pressure differential above the surface of the uncured coating for it to condense and dry. The combined effects of five physically measurable properties: *surface temperature, air temperature, sun load, wind, and humidity* will determine the water removal capabilities of the atmospheric ‘pump’ at any given moment.

### Mix Design:

The range of addition depends on the conditions for application and the level of rapid cure desired. As higher levels of **Accel-R8** are used, viscosity will also rise. Please limit water addition to the minimum necessary for appropriate application needs. This will help allow the modifier to operate at an optimum level. **PROTECT PRODUCT FROM FREEZING! WEAR EYE PROTECTION WHEN HANDLING – PRODUCT IS CORROSIVE TO EYES AND MAY IRRITATE THE SKIN.**

General guideline (Humidity < 60%) –

Air temperature	60 – 70 F	50 – 60 F	Below 50 F
gal. <b>Accel-R8</b> /100 gal. of seal coat concentrate	0.5 – 1.0 gal.	0.75 – 1.25	1.25 – 1.75 gal.

For high humidity or extended periods of below 50 F additions up to 2 gallons/100 gal. of concentrate may be considered.

Add **Accel-R8** to seal coat concentrate under agitation of hand held drill mixer in pails or buggy machine. If materials’ high viscosity affects the capability of the mixing apparatus to properly disperse then it is recommended that small amounts of water are added to reduce the impeding viscosity.

For information about additional handling guidelines please refer to MSDS or Technical Data Sheet. This literature may be obtained at [www.carbonyte.com](http://www.carbonyte.com) or call (916) 387-0316.

When fast job completion is demanded be sure to make **Accel-R8** your cure!