



ICYNENE™

### ICYNENE MD-C-200™CDN

#### LIQUID COMPONENTS PROPERTIES

Property	Isocyanate	Resin
Color	Brown	Dark Grey
Viscosity @ 25° C	350 cps	350 cps
Shelf Life*	12 months	6 months
Mixing ratio (volume)	100	100

(\* ) Resin and Isocyanate should be stored at 23 to 30° C (68° to 86° F).  
See MSDS for more information

#### RECOMMENDED PROCESSING CONDITIONS

When the MD-C-200-CDN™ has been charged into the system, check all screens before spraying

Drum temperature in use: 20 to 25° C (68 - 77° F)

Spray temperatures, primary heaters and hose heat: 50 to 60° C (122 - 140 ° F)

Surface temperature: Standard Grade: 10 to 50° C (50 to 122° F) Winter Grade: -5 to 25C (23 to 77° F)

Spray pressure (dynamic): 1000 - 1500 psi

Distance from substrate: 18" - 24" (45 - 60 cm)

The spray gun shall always be held perpendicular to the substrate.

Can be sprayed in either a horizontal or vertical motion, but need to overlap and build material to get desired thickness

#### REACTIVITY PROFILE

Cream time	2 sec.
Gel Time	9 sec.

Tack Free Time	14 sec.
End of Rise	4 sec.

#### HEALTH & SAFETY CONSIDERATIONS

##### Handling Recommendations

Use personal protective equipment (see MSDS)  
Avoid all contact with skin and eyes  
Do not inhale the vapours  
Do not store in conditions outside of the recommended parameters  
In case of a spill / leak, see MSDS.  
For more information, please consult the MSDS

##### Application Safety

While spraying, always work with adequate ventilation.  
Protective gloves, overalls, eye protection, safety shoes, hard hats and a properly fitting breathing apparatus supplying fresh air must be worn by the installers and helper (and others working within 25 feet of the installers) at all times while spraying.  
Persons with known respiratory allergies must avoid exposure to the Isocyanate component.  
If inhalation of the vapours occurs, remove the person from the working area to breathe fresh air and if breathing is still difficult, call a physician.  
Avoid contact with eyes, skin and clothing.  
In case of eye contact, immediately flush with large amounts of water for at least 15 minutes and call a physician immediately.  
In case of skin contact, wash area with soap and water.  
Wash any clothing that has come into contact with the Iso or resin before reuse.  
**Do not apply in excess of 2" (50mm) per pass due to product exotherm, to do so may create a fire hazard.**  
**Wait until 1st pass/lift cools completely before applying a second pass/lift.**

##### Fire hazard

Fires involving either component may be extinguished with carbon dioxide, dry chemical or inert gas. Application of large quantities of chemical spray is recommended for spill fires. Personnel fighting the fire must be equipped with self-contained breathing apparatus.