



INSTALLATION TECHNOLOGIES

DATA SHEET

DCR V-100™ EPOXY GROUT

Bulletin No.
GB-0146-1.1
05/10



- 15,200 psi compressive strength in 6 hours
16,700 psi compressive strength in 24 hours
- High flowability for easy pours
- Suitable for either indoor or outdoor use
- Resistant to UV rays and water
- Acid and chemical resistant
- Deep pours can be done in one step
- Mix with drill and paddle or paddle type mortar mixer
- Easy clean up with water and detergent
- Most experienced field support team in the industry

Unisorb DCR V-100 Epoxy Grout is a three-component, 100% solids epoxy resin system. It is specifically designed for applications requiring high mechanical strength due to high loads. DCR offers resistance to temperature, humidity, chemical environments and most acids.

DCR V-100 Epoxy Grout is formulated for medium thickness pours. It is recommended for applications varying from 1 1/2" to 8" cross sections. Flow characteristics of DCR allow easy placement. Its tremendous compressive strength characteristics makes it especially suited

for severe applications such as forge hammers, punch presses, stamping press bolster rails, rail installations of all kinds, and power generation equipment.

PACKAGING/YIELD

63# Kit = .50 cu. ft. (864 cu. in.)
125# Kit = 1.00 cu. ft. (1,728 cu. in.)

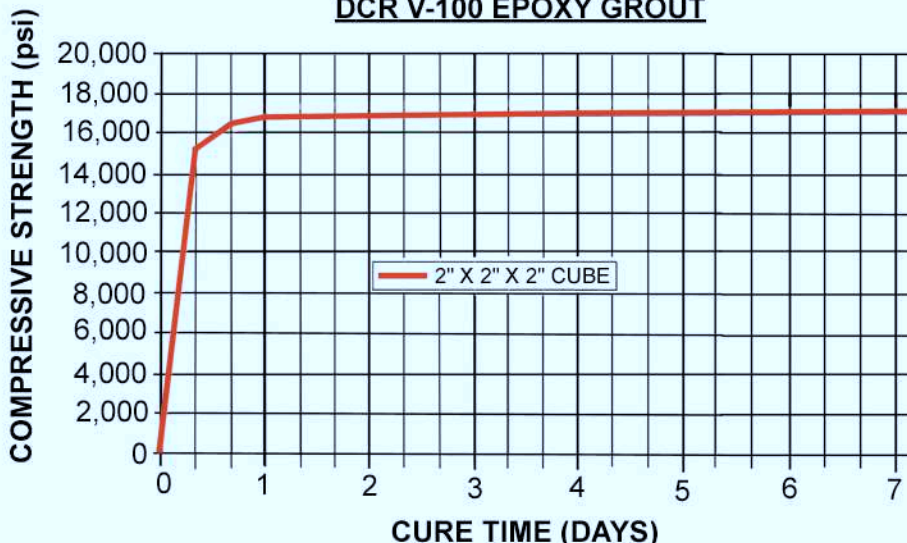
Consult the specific Material Safety Data Sheets (MSDS) for all safety data.

PHYSICAL PROPERTIES

Cure @72° F

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| Compressive Strength (ASTM D-695) (72°F) | 17,000 psi |
| Tensile Strength (ASTM D-638) | 3,000 psi |
| Flexural Strength (ASTM D-790) | 6,000 psi |
| Heat Deflection Temperature (ASTM D-648) | 227°F |
| Maximum Service Temperature | 325°F |
| Hardness (Shore D) (ASTM D-2240) | 90 |
| Mixed Viscosity (ASTM D-2196) (77°F) | 20,000 cps |
| Gel Time | 50-60 min. |
| Placement Time | 20-25 min. |
| Typical Pour Depth | 1 1/2 in.- 8 in. |

DCR V-100 EPOXY GROUT



Physical properties shown are the result of laboratory testing performed per industry recognized test procedures. Laboratory properties aid in determining suitability of the product for the intended application. Field test results may vary due to procedures or ambient conditions such as temperature and humidity. Laboratory reports are available on request.

