



Sikadur[®] 42 Grout-Pak LE^{US}

Pre-proportioned, low exotherm, low dust, precision epoxy grouting system.



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APPLICATIONS

- ▲ Precision seating of baseplates.
- ▲ Grouting under equipment, including heavy impact and vibratory machinery, reciprocating engines, compressors, pumps, presses, etc.
- ▲ Grouting under crane rails.

ADVANTAGES

- ▲ Meets API Standard 686*
- ▲ Low peak exotherm
- ▲ Low dusting, ready-to-mix, pre-portioned kits
- ▲ Stress and chemical resistant
- ▲ Low coefficient of thermal expansion; compatible w/concrete
- ▲ Material does not require heated transportation

TYPICAL DATA

- ▲ **Shelf Life:** 2 years in original, unopened containers.
- ▲ **Flexural Strength (ASTM C-580):** 4,062 psi (28 MPa)
- ▲ **Tensile Strength (ASTM C-307):** 2,031 psi (14.0 MPa)
- ▲ **Elongation (ASTM D-638):** 0.75 - 1.00%
- ▲ **Tangent Modulus of Elasticity in Bending (ASTM C-580):** 21.7×10^5 psi (15 GPa)
- ▲ **Coefficient of Thermal Expansion (ASTM C-531):**

-22° to 86°F (-30°C to 30°C)	$1.3 \times 10^{-5}/^{\circ}\text{F}$ ($2.3 \times 10^{-5}/^{\circ}\text{C}$)
75° to 212°F (24°C to 100°C)	$1.7 \times 10^{-5}/^{\circ}\text{F}$ ($3.0 \times 10^{-5}/^{\circ}\text{C}$)
- ▲ **Bond Strength (ASTM C-882 modified):**
 Slant shear > 5,804 psi (40 MPa) concrete failure
- ▲ **Creep Test (ASTM C-1181):**

600 psi, 140°F (4.1 MPa, 60°C)	4.5×10^{-3}
400 psi, 140°F (2.7 MPa, 60°C)	3.5×10^{-3}
- ▲ **Linear Shrinkage (ASTM C-531):** 0.060%
- ▲ **Thermal Compatibility (ASTM C-884):**
 No delamination/pass
- ▲ **Exotherm (ASTM D-2471):** 94.3°F (34.6°C)

*For up to date and accurate information please consult the current Technical Data Sheet at www.sikausa.com



1. Components A and B are packaged in metal cans.
2. Mix the resin (A + B) with a low speed drill for 20-30 seconds. Insure that air is not entrapped during mixing.
3. Slowly add the C component to the mixed resin and mix for 3-5 minutes. Mortar mixer or other appropriately sized mixers can be used for the 2.0 cu. ft. packaging.
4. Once mixed, pour the material into the desired place, within the application life of the material.

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