



TECHNICAL DATA SHEET

FLECKRETE

PRODUCT DESCRIPTION

FlexKrete is an advanced, thermoset vinyl polymer used for concrete repair.

STANDARD COLORS: Grey
OTHER COLORS ALSO AVAILABLE: N/A
REVISION DATE: September 13, 2022

CURE SCHEDULE (75°)

POT LIFE (1.5 GAL VOLUME): 80% aggregate: @77oF., approx. 20 min.
@100oF., approx. 12 min.
Pot Life without aggregate: @77oF.,
approx. 13 min.
@100oF., approx. 7 min.

TACK FREE (DRY TO TOUCH): 30-90 min.

RECOAT OR TOPCOAT: 30-90 min.

LIGHT FOOT TRAFFIC: 45-90 min.

FULL CURE: 90 min.

COVERAGE

Recommended for minor and major concrete repairs

COVERAGE PER KIT.: 1 gal. FlexKrete + 3.5 Gal.

Sand = Approx. 120 sf @ 1/16"
Average Thickness

60 sf @ 1/8" Average Thickness

30 sf @ 1/4" Average Thickness

15 sf @ 1/2" Average Thickness

8 sf @ 1" Average Thickness

For broadcasts, approx. 50-100
sf per gallon, depending on
porosity & aggregate used &
thickness.

MIX RATIO: 1 Part FlexKrete Resin,
FlexKrete Catalyst (1.2oz. for 1
gal.), 3-4 parts Sand

RECOMMENDED FILM THICKNESS: N/A

PACKAGING INFORMATION: 5 gal. kit (includes catalyst)

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: (ASTM D 790) 7,340 lb/in²

COMPRESSIVE STRENGTH: >10,000 psi

(Depends on type & amount of aggregate & time).

TENSILE STRENGTH: (ASTM D 638) 3,530 lb/in²

LINEAR SHRINKAGE (unfilled): 1.1%

VISCOSITY: 180-250 cps

WATER ABSORPTION: (ASTM D 570) 0.64%

ULTIMATE ELONGATION: (ASTM D 638) 30%

HARDNESS: Shore D (ASTM D 2240) 79

VOLATILE ORGANIC CONTENT: 0

SHELF LIFE: 6 Months in unopened containers

CHEMICAL RESISTANCE

EXPOSURE	IMMERSION	SPLASH & SPILL
ACIDS	GOOD	EXCELLENT
ALKALIES	GOOD	EXCELLENT
PETROLEUM	GOOD	GOOD
SALTWATER	EXCELLENT	EXCELLENT
WATER	EXCELLENT	EXCELLENT



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LIMITATIONS

- All surfaces should be clean, free of oil, dirt, debris, grease, scale, coatings, contamination and moisture
- Any existing asphalt materials should be removed prior to application
- NEW CONCRETE should be aged for 28 days
- Do not over- trowel
- Catalyze BEFORE adding sand

BENEFITS

- Use in deep holes, feather- edge, or overlays
- Non-toxic
- Will cure at temperature below 0 degrees F
- Very resilient and durable
- Can be used to level concrete

INSTRUCTIONS

- 1) Pour the appropriate amount of FlexKrete into the measuring container. Add the indicated amount of catalyst, (1.2oz. for 1 gal.)
- 2) Mix 30-60 seconds with mixer
- 3) Add 3-4 parts sand (for slurry)
- 4) Mix 30-60 seconds with mixer (for slurry)
- 5) Apply liberally to the areas with brush and/or roller
- 6) Apply liberally to the areas with a metal trowel (slurry)

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