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JANUARY, 2006

RECENT NEWS

NEW YORK DEPARTMENT OF TRANSPORTATION APPROVES USE OF FLEKKRETE.

CANADA'S FOOD INSPECTION AGENCY NOW APPROVES FLEKKRETE FOR USE IN FOOD PLANTS IN CANADA.

FIRST PALLET OF FLEKKRETE GOES TO RUSSIA DURING MONTH OF DECEMBER. CHINA, NEXT ON LIST.

WHAT THEY ARE SAYING!

"FlexKrete is the only repair product we have ever used that works!"—Bill Zimmerman, City of Plano (user for over 5 years).

"It looks very good, and we are budgeting now to repair more lanes with FlexKrete".—Craig Dodson, Golden Gate Bridge, San Francisco.

"FlexKrete allows us to make our repairs and open to traffic quickly, and know we won't have to go back".—Bruce Sampson, Roy Jorgensen & Assoc. (President George Bush Turnpike), Dallas

REMEMBER:

1. A 5 gallon pail of FlexKrete yields about 20 gallons of mixed material, and costs approx. \$16. per mixed gallon, including the cost of the filler, (blasting sand, etc.). We know of products selling for \$55. per gal., with the filler in the bucket, (you use 5 gallons) and they fail!! That is **70%** more expensive than FlexKrete, plus the cost of re-doing it.
2. As quality tools are the most economical kind to buy, the most economical repair material is the one that stays in place.
3. The real cost of any material, is the square ft. price per year of service.
4. FlexKrete works!

When comparing any material, always consider the total yield, price per square ft. and the service life.

RENEW, SEAL & PROTECT OLD FADED PAINT!

Impossible? Not with FlexKrete's technology. The pictures below show the exterior of an overhead door and a metal post., both with badly faded paint. To show how the process works, a small area was wiped with FlexSealer 1000 and left for about a year to degrade from the uv and other elements. It is easy to see where the FlexSealer was applied over the existing, faded paint. It looks like new paint.



Below, FlexSealer 1000 was applied only to the top surface of the faded post. The results are obvious. Again, this has been protected and enhanced for almost 1 year, and there is no sign of degradation.



TO LEARN HOW QUICKLY, EASILY AND INEXPENSIVELY YOU CAN UP-GRADE FACILITIES, EQUIPMENT, ETC., SEE FLEXSEALER ON THE NEXT PAGE.

FLEXSEALER 1000!



Attached, is the data sheet for FlexSealer 1000. It can also be printed from our web-site, flexkrete.com. FlexSealer is a special, clear, water-based, polymer formulation that can be applied over a number of various substrates, including most any type of paint, epoxies, urethanes, and alkyds. It can be applied over steel, wood, fiberglass, stone, brick and masonry products.

It will seal, bring out the natural color, and beautify. It is a very tough, resilient, protective membrane, and can be applied in one, or multiple coats, depending on the desired result. **NO MESS, QUICK & EASY!** FlexSealer may be sprayed, rolled or brushed, but depending on the size of the job, it is sometimes easier and simpler to apply it with a sponge. The surface should be water washed, and a mild detergent may be added to remove oils, dirt, etc. As with all coatings, the surface should be clean. Rinse thoroughly and allow to dry. For very slick surfaces or where any kind of build-up has occurred, the surface should be sanded prior to washing. If a sponge is used, a fine-porosity, smooth, synthetic sponge is best. A smooth, clean surface can be made to look new, and it can be applied in one, or multiple coats, depending on the desired result. In warm temperatures or sunshine, it dries to the touch in minutes. A 1-2 mil coat will yield approx. 281-561 square feet per gallon, or about 10¢-20¢ per square foot. Knowing that it should render several years of service life, the cost becomes minimal, or, for 3 years, 2.5¢-5¢ per square ft./yr. of service. Give FlexSealer 1000 a try—it surely makes that dreaded job clean and easy.

FLEXPRIME

FlexPrime blocks the moisture on damp concrete, prior to repairing with FlexKrete. It is also used on rusty steel or rebar to seal off the oxygen and moisture to halt the corrosion. Amazingly, it has even been used on one week old, “green” concrete, prior to coating or repairing. FlexPrime can save your time, money, and possibly, the job. It is packaged in 2 and 5 gallon kits.



FLEXTEMP was originally formulated to use in freezer rooms and other cold environments. It does work GREAT there, but more and more applicators are finding it very valuable in dangerous traffic and rush-up jobs.

COATINGS COVERAGE & COST

We’re continually being asked about various coatings, “What’s the coverage?”, and “What’s the cost?”. Can you figure the theoretical coverage and compare the real costs on two different coatings? Here’s how you do it:

Consider that one solid gallon is equivalent to 231 cubic inches. If sliced into sheets 1 mil (.001”) thick, these sheets would cover 1,604 square feet. But paints may have solvents, that, when applied, evaporate, whether it be water or other organic compounds. The only material left on the surface after this evaporation takes place, is the solid material. Find out what the solids by volume (sbv) is and you can solve the problem.

For instance, a material with 50% sbv will yield 802 square feet, 1 mil thick, or 1604 sf/gal x 50%=802 sf/gal. If you require 5 mils for this particular coating, your formula would be, 1604 x 50%÷5mils=160 square ft./ gallon. This is theoretical coverage. These coverage rates will vary, depending on the configuration of the surface, blast profile, overspray and product waste. I have seen jobs where 80%-90% of the material was lost due to spraying in windy areas.

So, cost per gallon doesn’t reveal the true cost. Example: Paint A costs \$60. per gallon and has 75% solids. Paint B costs \$45. per gallon and has 45% solids.

Paint A offers 1604x75%=1203 square ft./gal. @ 1 mil.

The unit cost of \$60÷1203=\$0.05¢ per sq. ft @ 1 mil. The recommended dry film thickness (dft) for Paint A, is 3 mils. So, 3mils x \$0.05=\$0.15¢ per. sq. ft.

Paint B offers 1604 x 45% sbv=722 sq. ft./gal @ 1 mil.

The unit cost of \$45÷722=\$0.062¢ per. sq.ft/gal @1 mil. The recommended thickness for this coating is 4 mils. So 4 mils x \$0.062=\$0.25¢ per. sq. ft.

Thus, Paint B, at \$45. per gallon, is 40% more expensive than the \$60. per gallon material.

Further, if the higher solids Paint A, has a service life of 6 years, the cost per year of service is \$0.15÷6=\$0.02½¢ per square ft. per yr. of service.

The lower solids, Paint B has a service life of 5 years, so the cost per year of service is \$0.25¢÷5=\$0.05¢ per square ft. per yr. of service.

Now we know that this \$45. Paint B, is 50% more expensive than the \$60. Paint A!

NEW LIDS FOR FLEXKRETE

The new lids used on the FlexKrete pails give important advantages to users. First, without the spout, which was rarely used anyway, we are getting a more air-tight seal before and after opening. Secondly, re-applying the lid after use is now easily put back on by hand for an air-tight closure. Feed-back has been very positive.

NO ODOR: We still say that FlexKrete is very low odor, but the field is telling us that we have virtually eliminated any odor. It’s even better now for indoors and for food plants!

PRODUCT DESCRIPTION:

FlexSealer 1000 is an advanced, aqueous copolymer.

RECOMMENDED USAGE:

FLEXSEALER 1000 is used as a final seal coat on broadcast systems, over other coatings, such as epoxies, urethanes, etc., to enhance the color and provide gloss for stone, wood and masonry products, and as a clear sealer for stamped concrete, epoxy stone and other decorative systems. Flex-Sealer 1000 may be used on masonry products, wood, steel, fiberglass, plastic and **FLEXKRETE**.

KEY FEATURES:

- Single Component
- Water Clear
- High Gloss
- Quick Drying
- High Impact Resistance
- Chemically Resistant*
- Excellent Adhesion
- Excellent Abrasion Resistance
- Excellent Flexibility
- Stable in Sunlight & Fluorescent

*Not compatible with strong acids or bases.

APPLICATION:

Mixing: Mix or shake well before using.

Temperatures: Should not be applied below 45°F; surface cannot be wet, but can be damp.

Equipment: Use good quality brush or roller; use single direction strokes with bristle brush, and crosshatch method with short nap roller. Can be sprayed with conventional or airless sprayer.

Surface Prep: Substrate should be free of dirt, dust, contaminants, oil or concrete additives. Existing coatings may either be removed or abraded, to provide an anchor profile for proper adhesion.

Thinning: None needed. Water clean-up.

PHYSICAL DATA:

Appearance	Semi-clear
Coverage (Depending on substrate)	75-100 sf/gal.
Solids Content—34-36%	DIN 53189
PH value—7.5-8.5	DIN ISO 976
Viscosity (mPa s)—50-200 (Brookfield RVT, Spindle 1.20rpm)	ISO 1652
Density (g/cm³)—approx. 1.05	DIN 51757
Pendulum Hardness-Konig—approx. 95	DIN 53157
Elongation at Break—approx. 176%	DIN 53455
Flash Point	None
Chemical Stability	Stable
Cleanup	Water
Shelf Life	1 Year

ORDERING INFORMATION:

Shipping Weight: Wt. Per Gallon @ 77°F.	8.8 lbs.
Packaging: 5 Gallon Pails	44lbs.