



## KEY NOVOLAC CONDUCTIVE #630

### DESCRIPTION

**Key Resin ##630** is a 100% solids epoxy Novolac Conductive coating ideal for severe chemical and solvent storage requiring conductive and spark proof surfaces. Applied at a nominal 1/16", the Conductive Novolac offers the superior chemical resistance of a Novolac Resin System while maintaining a conductive surface.

### KEY ADVANTAGES

- Low viscosity ideal for trowel application
- Exhibits excellent resistance to strong acids, alkalis and most industrial chemicals and solvents
- 100% Solids—low odor application and cure (0-VOC)
- Bonds well to cool, damp substrates
- Conductive & non sparking, 25,000 to 1,000,000 ohms resistivity

### KEY CONSIDERATIONS

- Substrate temperature must be a minimum of 50°F
- Substrate must be free of dirt, waxes, curing agents and other foreign materials
- Steel surfaces must be free of grease and oils. Abrasive blast to SSPC-SP-3

### COMPOSITION

100% Solids, modified polyamine, cured epoxy novolac resin and fillers

### APPLICATION

#### SURFACE PREPARATION

**Surface Preparation** is the most critical portion of any successful resinous flooring system application. All substrates must be properly prepared as outlined in **KEY RESIN COMPANY'S TECHNICAL BULLETIN #1**. Work must be performed by trained or experienced contractors or maintenance personnel. The **KEY RESIN COMPANY** technical service department is pleased to answer any questions.

#### INSTALLATION

Installation of **KEY RESIN #630 NOVOLAC CONDUCTIVE** will vary with application. Normally spread with a trowel or squeegee and back-rolled with a medium or short nap roller. Care should be taken to minimize the entrapment of air caused by over rolling.

For complete instructions, consult installation guide or your **KEY REPRESENTATIVE**.

## CLEAN-UP

Clean skin with soap and water. Tools and equipment should be cleaned with xylene or lacquer thinner.

## COVERAGE

**Key Resin #630 NOVOLAC CONDUCTIVE** will yield approximately 32 mils when spread at 50 ft<sup>2</sup> per gallon. Two coats required.

## COLOR

**Key Resin #630 NOVOLAC CONDUCTIVE** is available in Key Standard Colors and Custom Colors as approved.

## TECHNICAL DATA

Viscosity @ 75°F	1,000-1,500 cps
Mixing Ratio by volume	2 Part A to 1 Part B by Volume
Solids Content by volume	100 by volume
Volatile Organic Content	0
Weight per gallon, mixed	11.0-11.5 lbs. per gallon mixed

## CURE/DRY TIME

Pot Lift	20-25 min. @75°F
Dry to Touch	6-7 hours @ 75°F
Re-Coat	8-12 hours @ 75°F
Light Service	24 hours @ 75°F
Full Cure & Maximum Resistance	5 days

## CHEMICAL RESISTANCE

REAGENT	RATING
Acetic Acid-10%, 30%	R
Acetone	L
Ammonia Hydroxide-38%	R
Beer	R
Bleach	L
Brake Fluid	R
Citric Acid-30%	R
Citric Acid-40%	R
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	R
Gasoline	R
Hydrochloric Acid-37%	R
Lactic Acid-50%	R

Lactic Acid-80%	R
Methyl Ethyl Ketone	R
Methylene Chloride	L
Nitric Acid-10%	R
Peroxide-35%	R
Phosphoric Acid	R
Skydrol	R
Sodium Hydroxide-50%	R
Sulfuric Acid-98%	R
Toluene	r
Urea	R
Vinegar	R
Xylene	R

R-Recommended for continuous service  
L-Limited Recommendation, occasional spills  
\*-May cause slight stain or discoloration

## AVAILABILITY

**Key Resins** are available throughout the United States, Canada and a number of other countries. Contact the **KEY REPRESENTATIVE** in your area for details.

## MAINTENANCE

After completing the application of **Key Resin #630 NOVOLAC CONDUCTIVE**, the installer should provide the owner with maintenance instructions.

**Key Resin #630 NOVOLAC CONDUCTIVE** is easily cleaned with neutral soaps or detergents.

## TECHNICAL SERVICE

**Key Resin Company** and **KRC Associates, Inc.** provide services and consultations on material selection, specification, troubleshooting and other information on the proper repair and protection of concrete surfaces. **KEY REPRESENTATIVES** are available to assist you at any time. CALL (888)943-4532.

## WARRANTY

**Key Resin Company ("Key")** warrants for a period of one (1) year that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed, and applied in accordance with recommendations of **Key**. If any product fails to meet this warranty, the liability of **Key** will be limited to replacement of any non-conforming material if notice of such non-conformity is given to **Key** within (1) one year of delivery of materials. **Key** may in its discretion refund the price received by **Key** in lieu of replacing the material. No customer, distributor, or representative of **Key** is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of **Key**. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. **Key** reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. **KEY'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND KEY SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**