

# Rub Crete

## Description

*Rub Crete is a one-part, polymer modified material specially formulated for rubbing, smoothing, resurfacing, repairing and restoring concrete surfaces. Rub Crete is designed with a chemical additive to ensure superior bonding characteristics.*

## Manufacturer

Conspec  
 636 S. 66th Terrace  
 Kansas City, Kansas 66111  
**Customer Service** (800) 348-7351  
**Technical Service** (877) CONSPEC

## Use

For all horizontal, vertical and overhead concrete surfaces (interior and exterior).

Rub Crete can be used to repair new and old concrete surfaces. Repairs damaged or rough concrete and precast panels. Rubcrete can also be used to smooth concrete block walls.

## Benefits

- Easy to use; just mix with water
- Superior bond strength
- Moisture insensitive after curing
- Can featheredge up to 1/4"(.64 cm)max
- Fine silica aggregate provides smooth surface
- Color controlled to blend with concrete surface
- 30 minute work time

## Architectural Specifications

*Resurfacers:* All damaged and rough concrete shall be repaired with a rubbing/smoothing compound to create a restored surface. Approved product: Conspec Rub Crete or approved equivalent.

## Application

The substrate must be sound and free of all foreign material including oil, grease, paint, etc. Dampen porous concrete surfaces just prior to application. Remove all standing water.

*Mixing:* Mix by hand or with a low speed drill in a clean container. Add Rub Crete to water until a putty-like consistency is reached. Suggested water cement ratio for Rub Crete is 24% by weight or 1.05 - 1.25 gallons(3.97-4.73 L) per 40 lb. bag (18.1 kg). DO NOT mix more than 3 minutes. Mix only what can be placed in 30 minutes. DO NOT over mix or retemper.

When placing with a trowel, or sponge float it may be necessary to force with pressure into cracks, voids and honey-

combed areas. Rub Crete retains its moisture prior to curing and will spread easily.

For deep applications apply in layers and allow five to six hours between applications, or use Conspec All-Patch™, which will meet most deep patching needs with one application.

*Placing - Walls:* When applying Rub Crete to walls, first build up low areas and fill voids with Rub Crete or Conspec All-Patch™. Then apply a thin coat of Rub Crete over entire surface area. Work in with a sponge float or trowel. If necessary, a second coat may be applied before first coat has fully cured. Extreme weather conditions should be avoided (i.e., heat and wind). Rub Crete may be spray applied.

*Curing:* Rub Crete will reach its final cure in twenty-four hours. Protect from rain or excess water for twenty-four hours. When used on floors, allow twenty-four hours before light traffic.

T E S T D A T A A T 7 5° F (23.9°C)	
<b>Compressive Strength</b>	<b>ASTM C-109</b>
7 days	5000 psi (34.1 MPa)
28 days	6000 psi (41.3 MPa)
Coverage of 40 lbs.(18.1 kg) at 1/8"(.32 cm)	40 sq. ft. (3.7 m <sup>2</sup> )
<b>Water Requirements</b>	<b>24% By Weight</b>
40 lbs.(18.1 kg) of Rub Crete will require:	1.05 - 1.25 gallons(3.97-4.73 L)
50 lbs.(22.7 kg) of Rub Crete will require:	1.35 - 1.50 gallons (5.11-5.7 L)

## Packaging

40 lb. bag (18.1 kg)

40 lb. pail (5 gal. pail)(22.7 kg)

## Limitations/Precautions

Do not place at temperatures below 40°F(5°C) or if the temperature is expected to drop below 40° F(5°C) in the next twenty-four hour period. In hot weather, follow ACI Committee 305 recommended procedures.

Do not apply as a skim coat over a large horizontal area subjected to heavy traffic. Contact the manufacturer with any questions.

Contains Portland Cement and sand. Cement will cause irritation. Avoid contact. Use of a dust respirator, safety goggles and rubber gloves are recommended. Avoid prolonged contact with clothing. In case of contact with eyes, immediately flush with water for at least 15 minutes. Get prompt medical attention. DO NOT wear contact lenses when working with this product. DO NOT take internally. Keep out of reach of children.

Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read this information prior to using the product.

## Warranty

Conspec warrants, for 12 months from the date of manufacture or for the duration of the published product shelf life, whichever is less, that at the time of shipment by Conspec, the product is free of manufacturing defects and conforms to Conspec's published specifications in force on the date of acceptance by Conspec of the order. Conspec shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Conspec's instructions in this technical data sheet. The purchaser must examine the product when received and promptly notify Conspec in writing of any non-conformity before the product is used, or no later than 30 days after such non-conformity is first discovered. If Conspec, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the non-conforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only a Conspec officer is authorized to modify this warranty. The sales information on the Conspec website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. **THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.**

### Limitation of Liability

Conspec shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits; cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings;

frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Conspec could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

## Receiving

All bagged products should be checked for dryness prior to signing the shipping papers.

## Storage

Rub Crete should be stored in a cool, dry interior area. At no time, should material be exposed to high moisture, rain or snow conditions.

## Technical Services

Complete technical and specification services are available from the manufacturer and their authorized representatives and distributors.

## Filing System

Additional literature and the Material Safety Data Sheet can be obtained from Conspec upon request.