



WALL-KRETE SYSTEM

Interior Dry-Wall Finish

I. DESCRIPTION and SCOPE

The MULTICOAT **WALL-KRETE SYSTEM** is a combination of a water-resistant Synthetic Resin modified cementitious coating (**TOP COAT 2000**) and water borne COLORSEAL. The **WALL-KRETE SYSTEM** is applied to conventional dry-wall to increase abuse resistance against mildew and mold, and includes a decorative finish. WALLKRETE is an excellent finish for walls in Motels, Health Care Facilities, Schools, Rental Property, Recreation Rooms, or anywhere a durable, attractive weather resistant coating is needed.

The scope of this specification is to describe all materials and installation procedures for the MULTICOAT **WALL-KRETE SYSTEM**.

II. MATERIALS

1. MULTICOAT TOP COAT 2000 Protective Coating

As manufactured by MULTICOAT CORPORATION

Shall be a synthetic resin modified cementitious material mixed with potable water at job site in necessary proportions to obtain consistency desired.

Physical properties of the cured coating shall meet or exceed the following test criteria:

WALL KRETE TOP COAT 2000

	TEST	METHOD	RESULTS
1.	Compression Strength	ASTM C109... 45 Days air cured	2595 psi
2.	Tensile Strength	ASTM-C190	457psi
3.	Bond Strength	ASTM-C297	225psi
4.	Water Vapor Transmission	ASTM-E96	1.26 Perms
5.	Abrasion	ASTM-1242A...	39 mil loss

		1000cyc-1000gm load	
6.	Flexural Strength	ASTM-D790	Modulus of Rupture - 770psi
7.	Impact Resistance	MIL-D-3134F	Passed
8.	Flame Spread w/Colorseal	ASTM-E84	Flame Spread -10 Smoke Generation -5

2. MULTICOAT ACRATHANE COLORSEAL/CLEARSEAL

As manufactured by MULTICOAT CORPORATION.

Shall be high solids synthetic waterbase latex protective coating for cleaning ease. Formulation proprietary. Physical characteristics designed for compatibility with TOP COAT 2000.

III. SURFACE PREPARATION

1. NEW CONSTRUCTION

Gypsum Board should be installed in accordance with local codes and specifications, with joints taped, spackled, sanded smooth, and allowed to dry.

2. WALLPAPERED WALLS

Remove wallpaper and any loose paper on the gypsum board. Mold or mildewed areas must be cleaned. Using dry-wall spackle, repair any damaged area and sand smooth.

3. PAINTED WALLS

Remove any loose paint. Thoroughly clean wall surface to remove grease, dirt, etc., and allowed to dry.

IV. APPLICATION

1. MULTICOAT TOP COAT 2000 is furnished in 65 lb bags and field mixed with potable (clean) water in

the approximate amount of 1 ¼ - 1 ½ gallons per bag, preferably with special MULTICOAT Mixing Paddle. Mix vigorously to disperse all lumps and thoroughly wet all particles. Use margin trowel to clear vessel walls. Adjust to desired spray consistency by small additions of water.

2. Screen material through 1/8" mesh screen and pour into a standard hopper gun. Using ¼" orifice plate and

30 psi air pressure, spray wall uniformly. Once the shiny appearance of the material is gone, "knock down" with stainless steel trowel. Allow to dry 24 to 48 hours, depending on ambient temperature and humidity, before proceeding to apply COLORSEAL.

3. MULTICOAT COLORSEAL is applied in two thin coats. Dry first coat to touch before applying second

coat. Allow to dry 24 hours before exposing to use.

V. LIMITATIONS / PRECAUTIONS

Protect adjacent surfaces from over-spray of TOP COAT. While wet, TOP COAT may be removed with wet sponges. When dry, TOP COAT will require mechanical methods for removal. When applying COLORSEAL, be sure to cut-in ceiling wall juncture within 15 minutes of wall application to keep color consistent. Do not apply if surface or ambient temperature is below 50° F and falling or above 100° F and rising.

VI. WARRANTY

Materials are guaranteed with respect to uniformity and quality within manufacturers' specifications. Seller makes no other warranty, expressed or implied, regarding the use of its products. Since use of the product is beyond the Seller's control, the Buyer assumes all risks of use. Seller's sole obligation shall be to replace material if found to be defective. Seller shall not be liable for any damages, injury, loss, direct or indirect or consequential, resulting from use of its products.