

PRODUCT DESCRIPTION:

SmartCoat R200 is a 100 % flat acrylic based paint.

BASIC USES:

SmartCoat R200 is used as a premium quality paint for exterior masonry and concrete surfaces.

SmartCoat R200 can be pigmented to match almost any colour. can be pigmented to match almost any colour.

ADVANTAGES:

- exceptional exterior durability
- excellent water repellency; protects wall from moisture penetration
- breathable coating; allows water vapour within the wall system to evaporate
- excellent adhesion to substrate
- abrasion resistant
- colourfast (no colour change under ultra-violet rays)

LIMITATIONS:

SmartCoat R200 is not recommended for use:

- over previously treated surfaces without proper preparation
- surfaces where oils and other contaminants are present
- when ambient, surface and material temperatures are below 5°C (41°F) during application and curing period
- under hot sun conditions nor under high humidity conditions
- for 48 hours prior to, during and for minimum 24 hours after inclement weather conditions

APPLICATION:

DO NOT SUBSTITUTE NOR COMPENSATE

SmartCoat R200 WITH WATER OR OTHER ADDITIVES.

Substrate to be treated must be dry, clean and sound, free of weak and powdery surfaces, free from ice, snow, dew and frost, oil, grease and other deleterious materials detrimental to a positive bond.

Check with [Smartboard Building Products Inc.](#) for questionable surfaces.

Thoroughly stir SmartCoat R200 in its' own pail before each use. Discard all frozen materials, materials which have formed solid lumps at the bottom of the container and materials which do not appear to be of a homogeneous viscosity.

Using a 6.4 mm (1/4") pile roller dip roller into stirred pail of material. Apply the paint with several passes of the roller, evenly spreading the paint over the entire substrate surface. Allow a minimum of 24 hours for drying between coats.

CLEAN UP:

Clean all tools promptly after each use with clean water. Do not allow paint to dry on tools. **Trisodium Phosphate** with water may be used to clean soiled areas where the **SmartCoat R200** has dried.

STORAGE:

Store **SmartCoat R200** in a dry, vented, waterproof location, stacked off the ground with ambient temperatures above 5°C (41°F). Keep materials dry, protected from rapid temperature changes, from dampness and moisture and away from direct sunlight.

KEEP FROM FREEZING.

PACKAGING:

SmartCoat R200 is packaged in 18.9 litre pails.

SmartCEL is available in 28 standard colours. Custom colour matching is available upon request at a slight additional charge.

COVERAGE:

Coverage will vary according to the porosity of the substrate, colour of original substrate and colour of the **SmartCoat R200** to be applied. Average coverage:

one coat : 5.6 m²/L (1200 ft²/pail)

two coats : 3.9 m²/L (800 ft²/pail)

A TEST SAMPLE SHOULD BE APPLIED TO ESTABLISH PRACTICAL COVERAGE ON THE ACTUAL SUBSTRATE.

WARRANTY:

Smartboard Building Products Inc. fully warrants their products when used and applied in strict accordance with the printed instructions on product mixing and product application. In any case **Smartboard's** responsibility shall not exceed either the refund of the purchase price, or the replacement of the purchased product.

TECHNICAL SERVICES:

Technical assistance for unique applications and design is available upon request from **Smartboard Building Products Inc.**

TECHNICAL DATA

Physical Properties:

Product type:	Water based acrylic coating
Appearance:	Dense paint-like consistency
Viscosity:	10,000 to 15,000 cps
Ph level:	9.0 to 9.5
Toxicity:	Non-toxic

Performance Characteristics:

Test	Standard	Result
Consistency:	ASTM D-562-85	105 KU
Fineness of Grind:	ASTM D-1210	3 Hegman, 58 Microns
Drying Time:	1-GP-71, Method 5.1	1 hr. @ 23°C, 50% RH
Gloss:	ASTM D-523-85	11.5 Gloss Units
Hiding Power:	1-GP-71, Method 14.1	>98%, 2 coats @ 252 ml/m ²
Spread Rate:	Coverage	1 coat: 7.93 m ² /L 2 coats: 3.97 m ² /L
Colour:	1-GP-12, White Flat	Meets specification requirements #513-201
Colour Uniformity:	1-GP-71, Method 12.8	No change in colour between rubbed & unrubbed surfaces
Colour Stability:	1-GP-71, Method 120.1	No discolouration
Freeze-Thaw Stability:	1-GP-71, Method 31.1	No coagulation or curling after 3 cycles @ -18°C and 23°C
Alkali resistance:	1-GP-71, Method 106.3	No blistering, wrinkling or lifting
Shower resistance:	1-GP-71, Method 110.11	No erosion washout after 48 hrs @ 15°C
Flexibility:	1-GP-71, Method 119.4	No cracking, 180° bending @ -5°C
Scrubability:	1-GP-71, Method 125.2	No damage after 2000 scrub cycles