



**PRODUCT
DESCRIPTION
BOOK**



**HIGH PERFORMANCE
ARCHITECTURAL COATING**



AVAILABLE EXCLUSIVELY THROUGH
LIQUID CERAMIC INTERNATIONAL, INC.

AND OUR REGIONAL DEALERS AND LICENSEES
P. O. BOX 473262 Charlotte, NC 28247

1-800-466-2691

www.LiquidCeramic.com

QUICK FACTS

Liquid Ceramic® Exterior Wall Coating

- ▶ High performance ceramic particulate suspended in a 100% acrylic-base
- ▶ One coat equals three coats of competitive brands
- ▶ Residential, commercial or institutional exteriors — virtually all substrates
- ▶ Cuts labor costs significantly by applying as a single coat vs. two coats
- ▶ Two coats at 10.0 mils DFT provides 24-hour protection against 98-mph wind-driven rain
- ▶ Spread rate of 200 sq. ft. / gallon (+/- depending on porosity and surface roughness)
- ▶ Use for heavy-traffic interior walls as well
- ▶ 61% (by volume) solid content, one of the highest levels in the industry
- ▶ Elastomeric in nature, yet has a “perfect” perm rate of 20
- ▶ Highly resistant to cracking, peeling and flaking when applied properly to a clean, dry, sound substrate
- ▶ Applies like paint. Can be rolled-on, brushed-on or sprayed-on
- ▶ Tints to virtually any color; uses universal colorants
- ▶ Low in VOC's (under 101g/L); environmentally “green” product
- ▶ Category 38 on MPI *List of Approved Products* (paintinfo.com)
- ▶ Manufactured by ISO 9000 registered company
- ▶ Available in one and five-gallon containers



Think of paint as something rented.

Think of Liquid Ceramic® as something purchased!

Anywhere paint is used . . . Liquid Ceramic® is a better option!



Master Painters Institute's Category 38

Liquid Ceramic® Exterior Wall Coating is on the Approved Products List of the Master Painters Institute. It is manufactured by a publicly held, Canadian company.

Liquid Ceramic® Exterior Wall Coating can be applied to any surface most exterior wall paints are used. It yields a much denser coating than paint and lasts 3-5 times longer, yet does not lose the architectural appeal that paint provides.

DESCRIPTION

Liquid Ceramic® Exterior Wall coat is a high performance architectural coating, formulated with hollow-core ceramic microspheres, strands and irregular particulate in a complex 100% acrylic suspension with superior adhesion and abrasion resistance. Provides significant resistance to cracking, chalking, peeling and weathering. Exhibits exceptional adhesive, thermal and moisture management properties.

USES

Recommended for commercial, industrial, institutional and residential exterior applications. It may be applied over cast or poured concrete, tilt-ups, cinder/concrete block, brick, stucco, wood, aluminum, galvanized steel and vinyl.

AVAILABLE SIZES

Cubes (600 gallons), drums (55-gallon), five gallon pails and one-gallon cans (volume purchases only.)

COLORS

Available in 4 bases: Pastel, Medium, Deep, Accent. Product will tint to virtually any color.

SURFACE PREPARATION

Master Painters Institute (MPI) standards are to be used, see www.paintinfo.com. Surface must be clean, dry and sound. Sand or make dull any shiny surfaces. Concrete must be cured 30 days before coating. Raw wood, cedar, knots, metals and rusted metal require appropriate primers. Caulk as needed with a caulk that accepts acrylic coating. Prime all raw woods, cedars, metal surfaces and as further recommended by MPI. Refer to MPI for specific preparation guidelines.

APPLICATION

Do not apply when excessively wet or when moisture is visible. MPI standards recommend not to apply when substrate contains more than 12% moisture. Use of moisture meter is recommended. Do not apply in direct sunlight. Do not apply below 39F. Take appropriate precautions when applying product with temperatures greater than 82°F. Do not alter product other than adding accepted colorants. Colorants should be less than 8% of total volume. Do not add thinners or water. Apply (2) two coats. Each coat should have an 8 mil wet film thickness; use of film gauge is necessary. Allow drying time between coats of 4 hours depending on humidity. Dry film thickness should be 10 mils after completion of two (2) coats. Always do a test patch on area to be coated.

EQUIPMENT

Roller should be medium to heavy build, high quality and lint free, do not roll out excessively. Brush should be synthetic. Sprayer should be able to pump at least 1.1gpm, tip sizes should range from 15-21 depending on substrate and skill level of applicator.

CLEAN-UP

Clean up equipment with warm water and soap. Clean up overspray and spills immediately with water.

WARNING

If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness. Find out more before you start by contacting the National Lead Information Center at 1-800-424-LEAD or www.epa.gov/lead

NOTE ON MILDEW

Mildew resisting performance ingredients are incorporated in this product to make dry film mildew resistant. However, no coating is mildew proof. Mildew growth is greater in warm and wet environments. Do not apply coating over mildew, it will grow through. Follow MPI standards for proper cleaning procedures (www.paintinfo.com).

PRODUCT DETAIL

Vehicle	100% Acrylic
Sheen	Semi-Gloss
Gloss	@ 60 degrees 18.5 units
Kreb Units	92-95
Wt/Gallon	11 lbs
Solids %	By weight: 69.1% By Volume: 60.9%
VOC Level	Under < 101 (Environmentally "Green")
Thinner	None
Clean-up	Soap & Water
Flammability	Does not promote flame spread
Heat Resistance	Intermittent up to 350°
Elongation	160% with 100% memory @ 12mils
Breathability	20 perms
Wet film thickness	8 mils per coat
Dry film thickness	5.0 mils per coat
Spread Rate	200 sq. ft. per gallon
Drying Time	Initial Cure (tack free) 30 minutes
@77F and 50° RH	Between coats 4 hours
	Primary Cure 48 hours
	Final Cure 90-120 days

TEMPERATURE APPLICATION 39°F – 82°F

MSDS See pages 10-11

TECHNICAL INFORMATION

1-800-466-2691

WEBSITE: www.LiquidCeramic.com



Liquid Ceramic® Exterior Wall Coating

vs.

The Top Ten Architecturally Specified Exterior Paints

Product	VEHICLE TYPE	DRY FILM THICKNESS (per coat avg.)	SPREAD RATE (sq. ft. / gal)	% SOLIDS By Volume	% SOLIDS By Weight	VOC LEVEL (grams per L)	Weight/ Gallon	Sheen
Liquid Ceramic® Exterior Wall Coating	Acrylic	5.0 mils	200	60.9%	69.1%	<101	11.00 lbs.	Semi-Gloss
California Paints® FreshCoat Velvet Flat	Acrylic	1.5 mils	400-450	38.7%	54.0%	<250	11.20 lbs.	Flat
Sherwin Williams® Duration®	Acrylic	2.33 mils	250-300	40%	51.0%	<150	10.2 lbs.	Gloss
Pratt & Lambert® Accolade®	Acrylic	1.6 mils	400	40%	52.0%	<201	10.49 lbs.	Semi-Gloss
Pittsburgh Paints® Manor Hall®	Acrylic	1.2 mils	400-500	36.8%	52.2%	<201	11.50 lbs.	Eggshell
Porter Paints® Acri-Pro 100®	Acrylic	1.3 mils	200-400	33.0%	47.0%	<201	10.60 lbs.	Satin
Benjamin Moore® MoorGlo®	Acrylic	1.5 mils	400-450	41%	54.0%	<250	11.00 lbs.	Semi-Gloss
M.A.B. Paints® Sea Shore® /Four Seasons®	Acrylic	1.4 mils	300-400	36.0%	48.0%	<301	10.40 lbs.	Semi-Gloss
Duron® WeatherShield®	Acrylic	1.3 mils	400	33.0%	46.0%	<350	10.20 lbs.	N/A
Dunn & Edwards® EverShield®	Acrylic	1.5 mils	200-450	36.0%	50.0%	<101	10.80 lbs.	Flat
Sherwin Williams® A-100®	Acrylic	1.37 mils	350-400	32.0%	48.0%	<150	10.90 lbs.	Flat

Trademarks: Trademarks shown belong to their respective companies. All information gathered from corporate websites as of 11/29/04 and 11/15/05.

Why is this information important?

Most people think of paint as something that simply re-colors the surface of a wall.

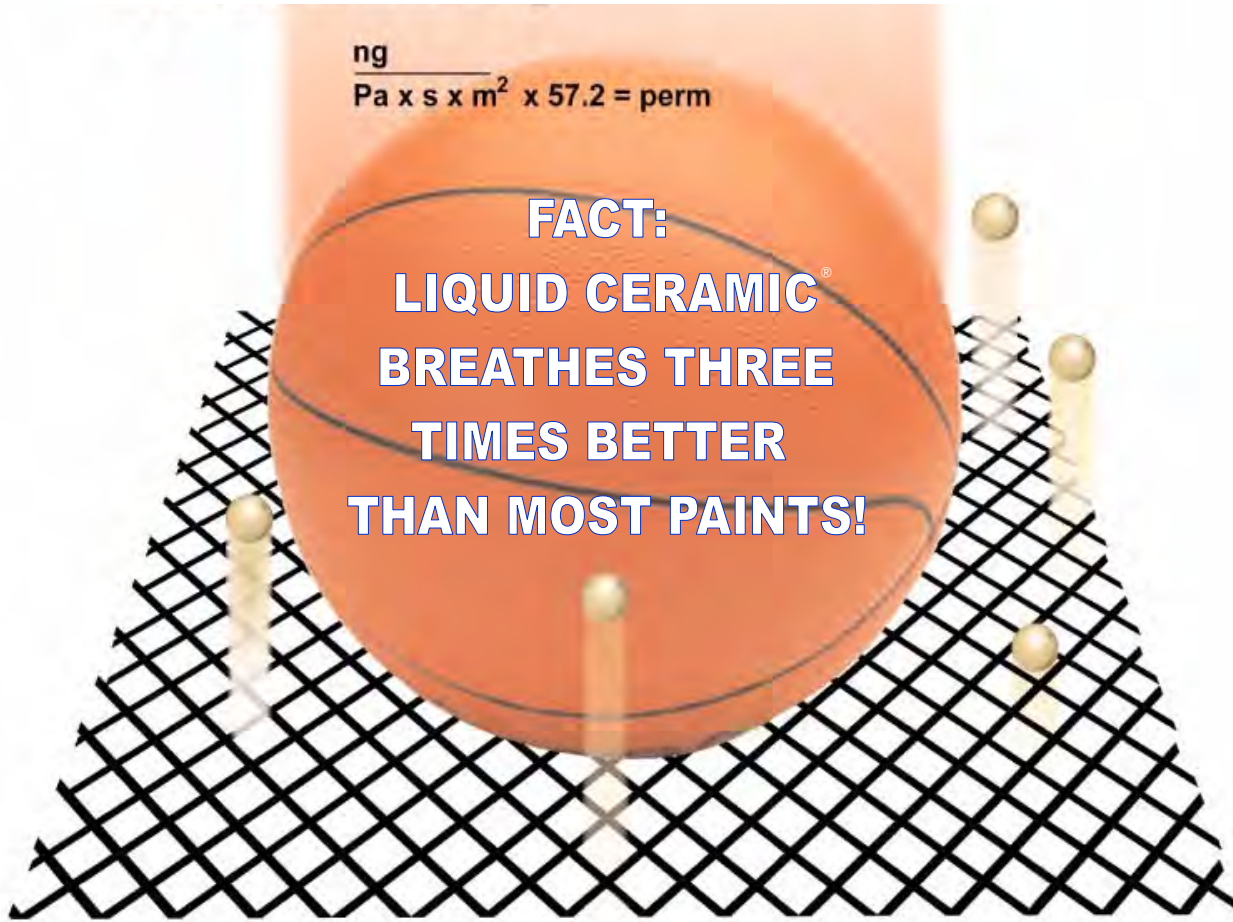
We like to think of paint as something that re-colors **and** provides a protective barrier . . . sort of like the “skin” to the building. If you want to protect the building from the elements of weather (rain, high wind, UV penetration, etc.), it is important that the “skin” be thick enough to provide that protection. So the important number you want to look at is DFT, or dry film thickness. That’s how thick your paint or coating will be reduced to once the volatiles (VOC’s—volatile organic compounds) and/or water dissipate.

How thick is thick? In the above chart, you see thickness levels (dry film thickness (or DFT) varying from 1.2 mils to 5.0 mil). Take a page from a phone book. It is a mere 3.0 mils thick. You see that most of the above coatings are much less than the thickness of phone book paper, yet the major manufacturers promote their product with lifetime warranties!

Liquid Ceramic® Exterior Wall coating is architecturally specified as a two-coat process. With two coats of 5.0 DFT Liquid Ceramic® Exterior Wall Coating, you’ll yield a “skin” the thickness of 10pt. card stock . . . more like a typical business card.

Virtually all paint jobs require greater dry film thickness than is actually used. Next time, specify Liquid Ceramic Exterior Wall Coating!

Breathability



The diagram above demonstrates the size relationship of water as a liquid (*the basketball*) and water as a vapor (*the grape*) in a direct ratio of 1600:1 (*water in vapor form : water in liquid form*). The openings in the mesh represent the micro-pore structure of the Liquid Ceramic® Exterior Wall Coating membrane. The pores are so fine that they do not let water pass through, yet they allow vapor to easily migrate through the coating.

PERM RATE *IS* IMPORTANT WHEN SELECTING AN EXTERIOR COATING!

Basically, a perm rate is the amount of seconds it takes moisture to pass through a square meter of membrane material. Liquid Ceramic® Exterior Wall Coating is highly resistant to water penetration, yet it allows vapor to escape at an **astounding rate of 20 perms!** This is one of the highest known perm rates in the industry. Water under your coating is Enemy Number One. Mixed with heat penetration the next day, cool temperatures at night, trapped water, etc., it all adds up to disaster when moisture has no place to go. Liquid Ceramic® breathes and allows water vapor to be released. The high perm rate also allows for the reduction of instances of mold, mildew and fungi that may develop with products that cannot breathe.

$$\frac{\text{ng}}{\text{pa} \times \text{s} \times \text{m}^2 \times 57.2} = \text{PERM RATE} = \text{BREATHABILITY}$$

Nanograms divided by pascals x seconds x square meters x the factor (57.2) = perm rate



The Importance of Volume Solids To The Performance Of Paints

Answered by a technical staff member at the Rohm and Haas Paint Quality Institute.

How important is the percent of solids by volume in an exterior paint or coating?

Generally speaking, volume solids is one of the main variables impacting paint performance. Of course, the key related variable in the paint job is how thick the dry paint film is. With exterior applications, several important performance properties are directly related to dry film thickness. Included are resistance to cracking, and tendency to not grow mildew, in addition to hiding and sheen uniformity. (With primers, stain-blocking and rust inhibition are impacted.)

So, then we look at what impacts dry film thickness. There are two major factors: (1) the **spread rate or how thick the paint is applied wet**, which is affected by the paint's thickness or viscosity, its resistance to brushing or rolling (brush drag) and tendency to apply in a thick coat; the nature of the application equipment (quality brushes and rollers apply paint thicker; long nap roller applies more than short nap; spraying technique) and porosity and

degree of roughness of the surface; and (2) **the volume solids of the paint**. For a given wet thickness of freshly applied paint, how thick the dry film is will depend on the volume solids of the paint. If the painter thins the paint by 25%, but still applies the same wet thickness, then of course the dry film will be 25% thinner than it would have been. Formulating at higher volume solids tends to have a two-fold impact on dry film thickness: it yields a thicker dry film for a given spread rate; and also tend to result in a paint that applies in a heavier wet film. *Folks purchase paint by the gallon, and think of the price as \$/gallon. But a better way might be to understand the price per solid (or "dry") gallon. In summary, dry film thickness is the key application variable, and volume solids is a main factor impacting dry film thickness.*

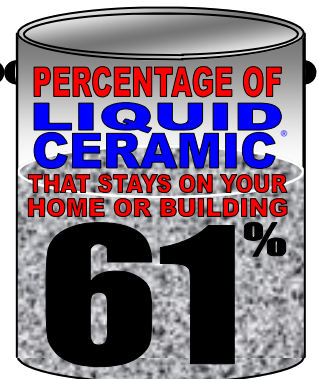
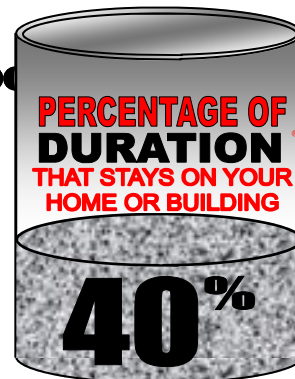
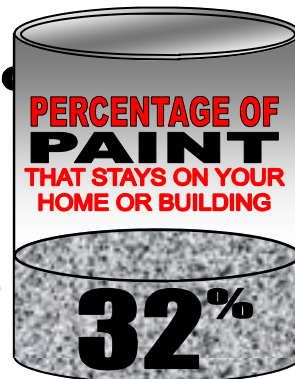
PAINT IS ESSENTIALLY A SOLID.

IT'S THE PART THAT STAYS ON THE BUILDING.

ONCE APPLIED, EVERYTHING ELSE EVAPORATES...INTO THIN AIR!

COMPARE PAINT to LIQUID CERAMIC:®

90% MORE SOLIDS THAN PAINT!



All percentages +/- 2%

With a good quality, exterior paint, 32% of it **stays** on the building. And with a superior quality paint, such as Sherwin-William's Duration®, 40% **stays** on the building. The rest floats away in the air. Compare those two paints to Liquid Ceramic® High Performance Exterior Architectural Coating. An amazing 61% **stays** on the building. This means with our low spread rate and high volume solids, one coat of Liquid Ceramic(r) does the same thing as THREE coats of most ordinary paints!"

TECHNICAL DATA

THE TECHNICAL DATA ILLUSTRATED ON THIS PAGE IS BASED ON THE RESULTS OF ASTM AND FEDERAL SPECIFICATIONS TESTS PERFORMED AND CERTIFIED BY INDEPENDENT TEST LABORATORIES.

PRODUCT DESCRIPTION: Liquid Ceramic® Exterior Wall Coating is a permanent, resilient coating formulated with hollow-core ceramic microspheres and a variety of complex ceramic particulate in a 100% acrylic suspension. It provides significant resistance to cracking, chalking, peeling and weathering, exhibits exceptional adhesive and provides energy flow reduction.

INTENDED USES: Liquid Ceramic® Exterior Wall Coating is an extremely versatile, high-build architectural coating intended for commercial, industrial, institutional and residential exterior applications. It may be applied over cast or poured concrete, cinder/concrete block, brick, wood, aluminum, galvanized steel and certain vinyls. It can be tinted to virtually any color that normal paint can be tinted.

CHARACTERISTIC TESTED	TEST METHOD	LABORATORY OBSERVATION						
Weight per Gallon	FTMS 141, Method 4184	11 lbs. per gallon						
Non-Volatile Solids (This measures the dry film solids.)	FTMS 141, Method 4041	By weight: 69.1% - By volume: 61.0 (Quality latex paint typically measures 32% by volume; Duration® is 40%)						
Viscosity	FTMS 141, Method 4281	Stormer Viscosity: 100 revolutions in 8 seconds at 500 grams (Shows material to be in highly desirable middle viscosity range according to standard measures)						
Toxicity	FTMS 141, Method 5111	Material is non-toxic and requires no special ventilation during application. Contains no materials considered to be health hazards.						
Flammability	ASTM 1360, DOT-MVSS-302	In container: non-flammable On concrete: self-extinguishing, does not support flame spread						
Abrasion Resistance	FTMS 141, Method 6192 Tabor C 17 Wheel 100 grams/1000 cycles	Weight loss (in grams): <ul style="list-style-type: none"> • With aggregate: 41g • Without aggregate: 14g • Epoxy floor coating without Aggregate (typical): 9g 						
Hardness	ASTM D3363	6H (This is the highest hardness value measured by this test and compares to a typical 2H hardness of hardwood floor finishes.)						
Impact Resistance	ASTM D2794	28 inch-pounds of impact with no break in film surface. (As a rule of thumb, 20 inch-pounds is considered to be a high performance test result.)						
Flexibility	FTMS 141, Method 6222	Withstood deformation of 1.5" - 38mm to 1/8" - 3.2mm on a metal substrate with no loss of adhesion, cracking, chipping or flaking (Mandrel Test)						
Elongation	ASTM D2370	12 mils - 0.31mm dry film thickness stretched 160% with 100% full memory retention. (This was the full extent of the elongation and the film never broke.)						
Water Resistance (wind-driven rain)	TTC-555 (Water driven against test surface at a dynamic pressure equivalent of 98 mph)	Time for Water to Penetrate: <table style="margin-left: auto; margin-right: auto;"> <tr> <td>One Coat</td> <td>5.0 mils</td> <td>30 minutes</td> </tr> <tr> <td>Two Coats</td> <td>10.0 mils</td> <td>none at 24 hours</td> </tr> </table>	One Coat	5.0 mils	30 minutes	Two Coats	10.0 mils	none at 24 hours
One Coat	5.0 mils	30 minutes						
Two Coats	10.0 mils	none at 24 hours						
Fungus Resistance	FTMS 141, Method 6271	No fungus growth when material tested in an environment of three organisms.						
Moisture Vapor Transmission	ASTM E96, Procedure B	20.0 perms (A perm is a unit of measure expressing a coatings' ability to allow moisture vapor to pass through the film, or it's "ability to breathe." The lower the perm rating, the more likely the coating will blister over time.)						

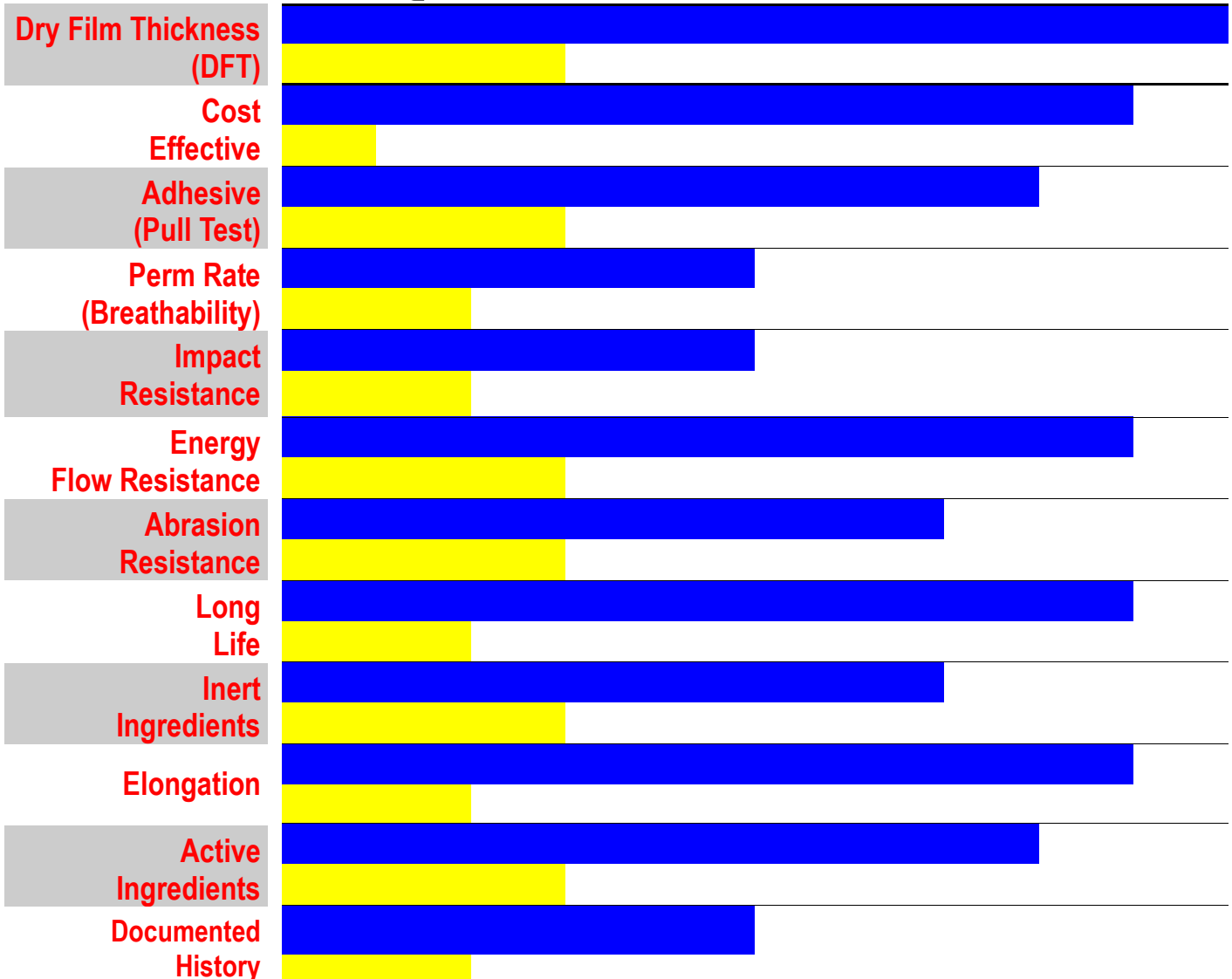
TECHNICAL DATA

CHARACTERISTIC TESTED	TEST METHOD	LABORATORY OBSERVATION
High Humidity Resistance	FTMS 141, Method 6201.1 (100% condensing humidity at 107° F or 41.67° C)	14 days with no evidence of film deterioration, blistering or peeling from substrate (250 hours are required to pass Federal specifications).
Salt Spray	FTMS 141, Method 811.1 (100% condensing 5% salt fog at 95° F or 35° C)	14 days with no evidence of film deterioration, blistering or peeling from substrate (250 hours are required to pass Federal specifications).
Artificial Weathering	ASTM E42—Carbon Arc Weatherometer (250 hours equivalent to 5 years)	After weatherometer testing (simulated rain, heat, ultra-violet ray and normal weather cycling), the coating showed no evidence of chalking, blistering, peeling, cracking or checking and only slight yellowing of the 100% titanium dioxide white color.
Package Stability		One year plus after opening, no settling or other undesirable effects. Material completely dispersed after stirring.

A COMPARISON: LIQUID CERAMIC® vs. PAINT

LIQUID CERAMIC®

REGULAR PAINT





Liquid Ceramic® Exterior Wall Coating has many attributes and properties of a technical nature, but in terms of day-to-day use, there is no product on the market that meets all of these dynamic features. After forty-five years of preparation — now, experience the performance of Liquid Ceramic® Exterior Wall Coating!

FEATURES	BENEFITS
FORMULATED NOT TO CRACK, PEEL, FLAKE OR CHALK WHEN APPLIED AT MANUFACTURER'S SPECIFICATIONS OF 10 MILS (DRY FILM THICKNESS) ON A CLEAN, DRY, SOUND SUBSTRATE.	LOOKS GOOD YEAR AFTER YEAR. NO NEED FOR REGULAR RE-PAINTING EVERY 3-5 YEARS. PROTECTS, BEAUTIFIES AND RESTORES.
100% ACRYLIC WATER-BASED, VOC LEVEL UNDER 101	ENVIRONMENTALLY FRIENDLY! A "GREEN" PRODUCT.
LOADED WITH CERAMIC CENOSPHERES (MICROSPHERIC "THERMAL BOTTLES" THAT COAT YOUR HOME OR BUILDING) AND OTHER CERAMIC CONTENT. PROVIDES THREE TIMES THE AMOUNT OF THERMAL FLOW REDUCTION AS COMPARED TO PAINT.	ALTHOUGH NOT SOLD AS AN ENERGY INSULATOR, REDUCTION OF THERMAL FLOW IS APPARENT IN LABORATORY MODELS AS A RESULT OF THE HIGHER DRY FILM THICKNESS.
PASSED THE 24-HOUR, 98-MPH WIND-DRIVEN RAIN TEST	PROTECTS HOME OR BUILDING FROM WATER DAMAGE TO REDUCE THE POSSIBILITY OF WOOD ROT AND THE COATING CRACKING OR PEELING.
ULTRAVIOLET (UV) BLOCKER WITH HIGH TITANIUM DIOXIDE CONTENT.	STOPS UV DEGRADATION AND PRE-MATURE FADING OF COATING. UV BLOCKING EXTENDS THE LIFE OF THE COATING AND THE SURFACE. REFLECTS HARMFUL UV RAYS.
CRACK BRIDGING.	WHEN APPLIED, WILL SPAN MOST SURFACE CRACKS.
LOOKS BETTER THAN VINYL SIDING.	WILL NOT HAVE A PLASTIC OR "VINYL SIDING" LOOK. MAINTAINS ARCHITECTURAL INTEGRITY.
HIGH ADHESION AND SUPERIOR BONDING.	WILL NOT SEPARATE FROM SURFACE WHEN APPLIED OVER A CLEAN, DRY AND SOUND SUBSTRATE.
HAS A 6H HARDNESS LEVEL, THREE TIMES HARDER THAN A HARDWOOD FLOOR FINISH.	RESISTS SCRATCHING AND SCUFFING. YIELDS A SMOOTHER SURFACE WHICH IS EASY TO CLEAN. BASIC SPRAY WASHER CAN BE USED TO CLEAN BUILDING.
YOU'RE BUYING "THE ORIGINAL LIQUID CERAMIC®"	KNOWLEDGE THAT YOU'RE BUYING DIRECTLY FROM THE "INVENTOR" WHO'S TESTED THE PRODUCT IN THE LABORATORY AND IN THE FIELD, NOT A COPY-CAT MANUFACTURER.
LIQUID CERAMIC® IS MANUFACTURED UNDER STRICT ISO 9000 QUALITY ASSURANCE GUIDELINES WHICH ARE AUDITED TWICE ANNUALLY.	CONSISTENCY OF PRODUCT. FORMULA IS NOT ALLOWED TO CHANGE FROM MONTH TO MONTH BASED ON VENDOR AVAILABILITY OF CERTAIN INGREDIENTS.
LIQUID CERAMIC® IS MANUFACTURED BY A DIVISION OF A PUBLICLY TRADED COMPANY THAT HAS A 45-YEAR HISTORY OF DEVELOPING AND MANUFACTURING COATINGS PRODUCTS.	ADDED STABILITY IN THE COMPANY MANUFACTURING THE PRODUCT GIVES A GREATER DEGREE OF ASSURANCE.



MATERIAL SAFETY DATA SHEET

MATERIAL IDENTIFIER	LIQUID CERAMIC® EXTERIOR WALL COATING
----------------------------	--

SECTION I	MATERIAL IDENTIFICATION AND USE		
C.A.S. Number	Mixture	Chemical Family	Synthetic Polymer In Water
Molecular Weight	Not Applicable/Polymer	Chemical Formula	Not Applicable
Material Use	Coatings		

SECTION II	INGREDIENTS		
Ingredients	Modified Acrylic Polymer	C.A.S. Number	Proprietary
Maximum Content	65%	Exposure Limits	None Assigned

SECTION III	PHYSICAL DATA		
Boiling Point	>100° C	Freezing Point	Approximately 0° C
Vapor Density	Heavier Than Air	Solubility In Water	Slower than N-Butyl Acetate
Odor Threshold	Not Available	Co-efficient Water/Oil Distribution	Not Applicable

SECTION IV	FIRE AND EXPLOSION HAZARD DATA		
Flammability	No	Means of Extinction	Not Applicable
Special Procedure	Aqueous solutions are not combustible and present a low fire hazard	Flashpoint (° C) and Method	None
Upper Explosion Limit (%) by Volume	Not Applicable	Lower Explosion Limit	Not Applicable
Auto-ignition Temperature (° C)	Not Applicable	Hazardous Combustion Products	Not Applicable
Explosion Data	Not Applicable	Rate of Burning	Not Applicable
Explosive Power	Not Applicable	Sensitivity to Static Charge	Not Applicable

SECTION V	TOXICOLOGICAL PROPERTIES
Inhalation	Excessive exposure to vapor or spray mists may cause irritation of eyes, nose and throat
Eye Contact	This material may be an eye irritant
Skin Contact	This material may cause skin irritation or rash upon prolonged or repeated contact
Ingestion	Stomach pain

SECTION VI	FIRST AID MEASURES
Inhalation	Remove source of contamination or move victim to fresh air. If symptoms persist, obtain medical attention immediately.
Eye Contact	Immediately flush eyes with lukewarm, gently flowing water for at least twenty (20) minutes holding eyelids open. Obtain medical attention immediately.
Skin Contact	Wash gently and thoroughly with warm water and a non-abrasive soap. If irritation persists, obtain medical attention immediately.
Ingestion	Contact a physician immediately.

SECTION VII	REACTIVITY DATA		
Stability	Stable	Hazardous Polymerization	Will not occur
Incompatibility	None known	Conditions to Avoid	Keep from freezing
Hazardous decomposition Products	Under severe thermal degradation, low molecular weight organic compounds will be formed		

Continued on next page . . .

MATERIAL SAFETY DATA SHEET (continued)**MATERIAL IDENTIFIER****LIQUID CERAMIC® EXTERIOR WALL COATING****SECTION VIII****PREVENTATIVE MEASURES**

Spill and Leak Procedures

Clean up with water before allowing to dry. Sodium Chloride can be used on the spill, which may coagulate the acrylic and facilitate cleaning with water. Place coagulated waste in a closed container. Wear adequate protective equipment during clean up. Flush area with water.

SECTION IX**PERSONAL PROTECTIVE EQUIPMENT**

Respiratory Protection

A respirator may be required during normal use and handling. If respiratory protection is required, institute a complete respiratory protection program. Refer to C.S.A. standard Z94.4M 1982 "Care and Use of Respirators".

SECTION X**HANDLING AND STORAGE**

Storage Temperature

0 — 30°C (32—86°F) DO NOT FREEZE

Storage Pressure

Ambient

General

Prior to each use, mix well. Store in a well ventilated area. Avoid contamination of any kind. Potential immersion elements such a drum pumps and hoses should be removed after each use. Empty containers should be thoroughly rinsed with water and disposed of according to local regulations.

Cautionary Note

Care should be exercised when moving in or around product application areas (particularly oversprayed areas) as contacted surfaces may become slippery.

SECTION XI**DISPOSAL CONSIDERATIONS**RCRA 40 CFR 261
Classification

Not Classified

U. S. EPA Waste Number /
Description

None

If this product is disposed of as shipped, it does not meet the criteria of a hazardous waste under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D. As a non-hazardous liquid waste, it should be disposed of in accordance with all local, state or federal regulation. Consult state or local officials for proper disposal method.

SECTION XII**TRANSPORTATION INFORMATION**

Not Regulated

This product is NOT regulated as a hazardous material under the registrations of the U. S. DOT, IMDG or in Canada TDG.

**LIQUID CERAMIC INTERNATIONAL, INC.**

P. O. BOX 473262 Charlotte, NC 28247

1-800-466-2691www.LiquidCeramic.com

The Solid Facts

PROFESSIONAL'S KNOW THAT WHEN SPECIFYING PAINT
SOLID CONTENT IS WHAT COUNTS.
BUT DID YOU KNOW



it takes this many gallons of Glidden® Speed-Cote® to do the same job* as **one** gallon of Liquid Ceramic®?
26% Solid Content
1.2 Mils Dry Film Thickness (DFT)



it takes this many gallons of Duron® Weather-Shield® to do the same job* as **one** gallon of Liquid Ceramic®?
33% Solid Content
1.3 Mils Dry Film Thickness (DFT)



it takes this many gallons of Porter® Acri-Shield® to do the same job* as **one** gallon of Liquid Ceramic®?
36% Solid Content
1.5 Mils Dry Film Thickness (DFT)



it takes this many gallons of MAB® Sea Shore® to do the same job* as **one** gallon of Liquid Ceramic®?
40% Solid Content
1.8 Mils Dry Film Thickness (DFT)



it takes this many gallons of Sherwin-Williams® Duration® to do the same job* as **one** gallon of Liquid Ceramic®?
40% Solid Content
2.33 Mils Dry Film Thickness (DFT)



61% Solid Content.
5.0 Mils Dry Film Thickness.
ONE COAT EQUALS
THREE OF THE COMPETITORS

* The "job" is to coat the same amount of area with a dry film thickness (DFT) of at least 5 mils using light bases. All info obtained from the respective companies' websites as of 6/29/04. See respective websites for variances; all figures are +/- 2%. All trademarks shown belong to their respective owner.