

PROFESSIONAL

**Pack Size:**

- Vitremela™ is currently available in 1 quart (943mL) bottles only.
- Typical application rate of 1 quart (943mL) of Vitremela™ is 200 sq ft / 20 sq m, depending on surface absorption and number of coats.



**Test Results:**

Type of test	Result
ASTM D3363 Standard Test Method for Film Hardness by Pencil Test & ISO 15184 (9H hardest) using Derwent pencils	+9H, after 28 days
ASTM D3359 Standard Test Method B Cross Hatching Adhesion & ISO 2409 (5B best 0B worst)	5B, after 28 days
VOC (USA EPA Method 24)	Zero
As 4459.13 1999 Methods of sampling and testing ceramic tiles Method 13: Determination of chemical resistance (3 and 18 % HCL)	No Etching and no discolouration
As 4459-14:1999 utilized Determination of Resistance to Stains having filming action ISO 10545-14 (5 = no visible change 1 = permanent stain)	5 (best)
AS 4586:2004 Appendix A Slip Resistance of Pedestrian Surface Materials (Wet Pendulum Test)	Class Y (same as untreated polished marble)
ISO 4211:1979 Assessment of surface resistance to cold liquids	
(a) Acetone, 2 min	5
(b) Ethanol (48 v/v%), 6 h	5
(c) Water, 24 h	5
(d) NaOH (aq, 5m/m%), 30 min	5
(5 = No visible change 1 = severely damaged)	
NSF Registered for Non-Food Compounds R Category	

# Vitremela™



Next generation protective coating for marble, engineered stone, polished concrete and other acid sensitive countertops

**Country Of Manufacture:**

HANAFINN™ Vitremela™ is manufactured in the USA, by Dry-Treat Inc.

Dry-Treat Pty Ltd  
St. Leonards, Australia  
Ph: 1800 675 119

Dry-Treat Ltd  
Leicester, UK  
Ph: 0800 096 4760

Dry-Treat Inc.  
Wilmington, USA  
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# Vitremela™



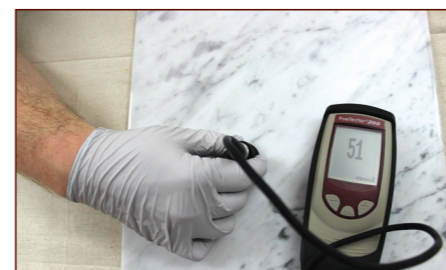
## Typical Applications:

Vitremela™ is ideal for protecting countertops and other surfaces made from acid sensitive materials including marble, limestone, travertine, polished concrete and engineered stones.

Vitremela™ can be used indoors and outdoors on countertops, table tops, bathroom vanities, splashbacks and floors, for residential and commercial projects.

## Vitremela™ Special Benefits:

- More complex, better quality cross-linking creates the highest degree of hardness, durability and scratch resistance which existing science has to offer (9H+ results by industry standard ISO15184 pencil scratch tests).
- Superior adhesion (5B result in ISO 2409 adhesion testing).
- Repairable - Vitremela™ can be repaired or over-coated without stripping.
- Finished coating is super thin (approx 50 to 60µ) with superior clarity, transparency and gloss levels.
- Zero VOC - fully LEED compliant.
- Versatile range of finishes, from honed to highly polished are easily achieved by varying finishing technique.



## Vitremela™ Superior Protection:

- Total acid protection – can withstand industrial strength hydrochloric acid for more than 24 hours.
- Total stain barrier withstands household liquids and foodstuffs, even most solvents.

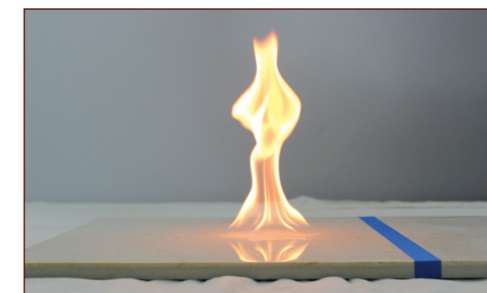
Before wiping:



After wiping:



- Fire resistant - withstands high heat and even naked flame. Damage only begins to occur over 500°F (260°C).



Vitremela™ is a unique, hybrid, inorganic vitrifying hyper-polymer, at the cutting edge of coating technology.

## ■ FOR PROFESSIONAL USE ONLY



The latest UV (ultraviolet) cured epoxies and urethanes use nano particles for extra durability but still tend to be very thick, scratch easily, have less than perfect clarity or a yellowish tinge, need to be stripped before they can be re-applied, deteriorate quickly outdoors and often are not 100% acid proof.

Vitremela™ is a unique hybrid technology with a greater number of stronger crosslinks between the molecules, so the cured coating is **significantly thinner, with better clarity, harder, more scratch resistant, more heat resistant, 100% acid resistant and is easily repaired or recoated without stripping.**

Vitremela™ is also a zero VOC, LEED and REACH compliant, environmentally responsible product.