



Flowgard WW* (6 - 8 mils)

A hygienic, pigmented and vapor permeable water-based epoxy resin coating for use on walls and ceilings.



Hygienic Finish:

Seamless, non-porous coating that does not support microbial or fungal growth



Vapor Permeable:

Fully breathable and can be installed onto damp substrates or green concrete.



Easily Mixed & Applied:

Easily mixed and applied using a roller on both horizontal and vertical surfaces.



Chemical Resistant:

Provides excellent resistance to light chemical attack and spillage.



Easily Cleaned:

Suitable for hot water wash and wipedowns.

Standard Colors:

100 Light Grey	135 Medium Grey	170 Dark Grey	185 Charcoal
210 White Sand	300 Taupe	435 Tan	440 Khaki
480 Beige	550 Green	600 Slate Blue	650 Light Blue
750 Blue	980 Red	850 Traffic Yellow	950 Traffic Red

The applied colors may differ from the examples shown.
For a full color chart and samples, contact your local Key Resin Company office.

FIRE RESISTANCE:

BS 476 (Part 7)

Class 1 surface spread of flame

ABRASION RESISTANCE:

ASTM D 4060

CS 17 Wheel, 1000 cycles

0.015 g loss

VAPOR PERMEABILITY:

ASTM E 96

20g/m²/mm/24 hrs

BOND STRENGTH:

Greater than cohesive strength of 3,000 psi concrete, > 220 psi

SURFACE HARDNESS:

Koenig Hardness Test

182 secs

TEMPERATURE RESISTANCE:

Continuous Exposure:

Up to 140°F

Intermittent Spills:

Up to 160°F

VOC:

26 g/l

VOLUME SOLIDS:

Approx. 50%

SPEED OF CURE:

50°F

70°F

90°F

Light Traffic

36 hrs

16 hrs

10 hrs

Full Traffic

96 hrs

48 hrs

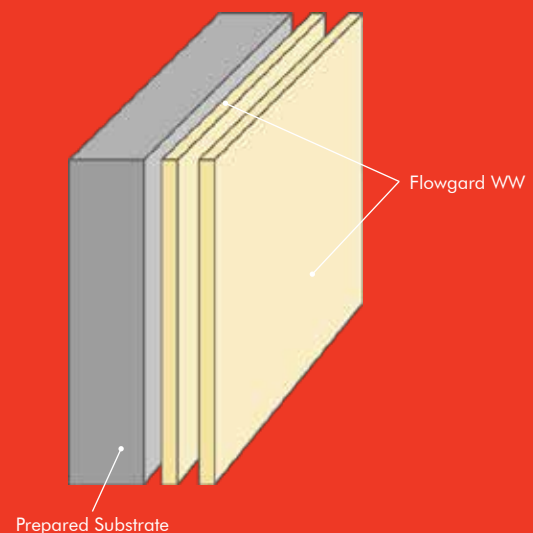
30 hrs

Full Chemical Cure

14 days

7 days

3 days



*Previously known as Peran WW

www.flowresinamericas.com

Products Included In This System

1st Coat: Flowgard WW at 225 sq ft/gal

2nd Coat: Flowgard WW at 225 sq ft/gal

3rd Coat: Flowgard WW at 225 sq ft/gal
(if required)

Typical values, application and coverage rates are assisted by the addition of water - up to a maximum of 16 oz per unit.

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

Installation

Installation should be carried out by a Key Resin Company preferred contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 75°F and at 50% Relative Humidity.

Aftercare, Cleaning & Maintenance

Its hard, nonporous surface makes Flowgard simple to clean. In most cases, soap and water or a mild detergent is all that is required to maintain its luster.

Environmental Health & Safety

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Key Resin Company staff and fully trained application teams.

Warranty

Key Resin Company products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Key Resin Company, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

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