



Protective & Marine Coatings

RESUTILE™ AQUA 4410/4411 Water-Based Urethane

PART A	GP4410A	SERIES
PART B, GLOSS	GP4410B01	HARDENER
PART B, SEMI-GLOSS	GP4410B02	HARDENER
PART A, FLAT	GP4411A01	CLEAR
PART B, FLAT	GP4411B01	HARDENER

Revised: December 17, 2021

PRODUCT INFORMATION

PRODUCT DESCRIPTION

RESUTILE AQUA 4410/4411 is a water-based, breathable, aliphatic urethane available in gloss and flat that provides a uniform final finish on both floors and walls.

ADVANTAGES

- Gloss, semi-gloss, and flat finishes
- No hot-tire pickup / resists hot-tire staining
- Acceptable for use in USDA inspected facilities
- Color matching available at select Sherwin-Williams stores
- Breathable
- Long working time
- Lower VOC than comparable solvent-based products
- Good chemical resistance
- Resists common acids, fuels, grease, salt and skydrol
- UV stable

TYPICAL USES

RESUTILE AQUA 4410/4411 can be used to seal terrazzo, concrete or other floor and wall systems where a gloss, semi-gloss, or flat finish is desired. Typical coating applications include: aircraft hangars, light manufacturing areas, garages, automotive dealerships and auto service areas. For additional wear resistance, GP5240C01 fine aluminum oxide can be added (see the Resufloor Topcoat System Bulletin for additional information.)

LIMITATIONS

- **DO NOT allow to freeze**
- Substrate must be structurally sound, dry and free of bond inhibiting contaminants
- During installation and initial cure cycle substrate and ambient air temperature must be at a minimum of 50°F (10°C). Substrate temperature must be at least 5°F (3°C) above the dew point (for lower temperature installation contact your Sherwin-Williams representative).
- Maximum dry surface temperature not to exceed 160°F (71°C)
- Thick or puddled material can result in CO₂ entrapment and/or a milky appearance
- This coating though resistant, is not a guarantee against tire staining. Vehicular tires from cars and trucks to tractors and boat trailers are varied and have the potential to leave a stain under certain conditions. Place rubber mats or carpet pieces under the tires to avoid the issue.
- Do not install if raining or when rain is imminent, or a reduction in gloss and working time can be experienced

SURFACE PREPARATION

Proper inspection and preparation of the substrate to receive resinous material is critical. Read and follow the "Instructions for Concrete Surface Preparation" (Form G-1) for complete details.

PRODUCT CHARACTERISTICS

Color: Gloss & Semi-Gloss: Clear, standard, custom colors
Flat: Clear only
Tintable: GP4410W01 (extra white tint base) and GP4410T04 (ultra deep tint base)
See page 2 for additional tint details.

Sheen: Gloss, Semi-Gloss

Mix Ratio: 4:1 by volume

Volume Solids: 52% ± 2%, mixed

Weight Solids: 55% ± 2%, mixed

VOC (EPA Method 24):

Recommended Spreading Rate per coat:

	Minimum	Maximum
Wet mils (microns):	3 (75)	6 (150)
Dry mils (microns):	1.5 (37.5)	3 (75)
~Coverage sq ft/gal (m²/L):	278 (6.9)	556 (13.9)

Drying Schedule @ 6 mils (150 microns) wet:

@ 72°F (22°C)

50% RH

To touch: 4 hours
To walk on: <18 hours
Light traffic: minimum 24 hours
To recoat:

minimum: 4 hours
maximum: 18 hours

Wheeled traffic: 48 hours

*If maximum recoat time is exceeded, abrade surface before recoating.
Drying time is temperature, humidity, and film thickness dependent.*

Pot Life: 1 pint @ 77°F (23°C), 1.50 hours

Sweat-in-time: None

Reducer: Water (5-10% Maximum)

Shelf Life: Part A: 12 months, unopened
Part B: 6 months, unopened
Store indoors at 50°F (10°C) to 90°F (32°C)

Flash Point: >200 F° (93°C). PMCC or SETA, mixed

PERFORMANCE CHARACTERISTICS

Substrate: Concrete
System Tested: Resufloor Aqua 3460 1 coat @ 6 mils DFT
Resutile Aqua 4410/4411 2 coats @ 3 mils DFT

Test Name	Test Method	Results
Abrasion Resistance	ASTM D 4060 CS-17 wheel 1000 cycles	60 mg loss
Patti Adhesion	ASTM D 4551	1000 psi concrete failure
Hot Tire Resistance	P&M method	Stain resistant
Pencil Hardness	ASTM D3363	3H