

## WEATHERFORCE

### Premium Full Acrylic Emulsion

#### PRODUCT DESCRIPTION

A premium full acrylic water-based finish with non-added lead and mercury which is specially formulated for exterior wall. It have high protection against extreme weather and unsightly algae and fungus attack.

- ▶ Excellent dirt pickup resistance
- ▶ Excellent weather resistance
- ▶ Temperature reduction properties
- ▶ Excellent chalking and flaking resistance
- ▶ 8 years exterior protection
- ▶ Certified with SIRIM MS 134

#### DESIGN USE

As a finish coat for exterior substrates such as concretes, masonry surfaces, walls, ceilings, and soft board surfaces.

#### PHYSICAL DATA

Volume Solids	35 ± 2%
Dry Film Thickness (DFT)	30 µm / Coat
Wet Film Thickness (WFT)	85 µm / Coat
Number of Coats	2
Theoretical Coverage	11.7 m <sup>2</sup> /L/coat
Finish	Low Sheen
Colour Range	Wide Colour Range <i>(Please consult KCC representative for custom colours)</i>
No. of Components	1
Standard Packing Size	1L, 5L, 18L
Shelf-Life	12 months - Unopened

#### RECOMMENDED PAINTING SYSTEM

<b>Substrate: Concrete, Masonry, Plaster</b>		
<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Wall Sealer 500 / WEATHERFORCE Primer	1
Finish	WEATHERFORCE	2
<b>Substrate: Previously Painted Concrete, Masonry, Plaster</b>		
<u>System</u>	<u>Product</u>	<u>No. of Coats</u>
Sealer	Koresil 450 / WEATHERFORCE Primer	1
Finish	WEATHERFORCE	2



## WEATHERFORCE

**APPLICATION METHOD**

Brush, Roller or Spray application  
 \* Stir the contents thoroughly before use. Thinning is normally not necessary  
 However, if required for better workability, do not exceed 5% dilution ratio.  
 Clean up equipment with water immediately after use.

**DRYING TIME**

Substrate Temperature	Touch Dry	Hard Dry	Overcoating Interval	
			Minimum	Maximum
15°C	40 Min	3 Hr	3 Hr	N/A
25°C	25 Min	2 Hr	2 Hr	N/A
35°C	15 Min	1.5 Hr	1.5 Hr	N/A

**ADDITIONAL INFORMATION**

Thinner	Clean Water
Thinning Ratio	Do not exceed 5% dilution ratio.
Cleaning Solvent	Clean Water
Flash Point	Non-Flammable
Storage Requirements	Cool, dry and well ventilated area away from heat and direct sunlight(5 ~ 35°C). Lid must be kept tightly closed

**SURFACE PREPARATION**

**New Masonry Substrates**

- ▶ All new surfaces should be dry out thoroughly preferably for at least 28 days drying time.
- ▶ The moisture content of the concrete surface should be checked and ensured to be below than 16% when measured with reliable moisture meter.
- ▶ All surface contaminants such as laitance, dust and loose cement shall be removed by using scraper, sandpapers and clean slit brushes.

**Previously Painted Surfaces**

- ▶ If fungus, algae, and moss is present, treat with "KCC Fungidal Solution"
- ▶ Make good minor defects with an appropriate suitable exterior putty sealant.
- ▶ For overcoating over old coatings, a high pressure water jet cleaning should be performed to remove all loose or defective paintwork or powdery residues.

**Application conditions**

- ▶ Ensure the surface is completely clean and dry.
- ▶ Ensure the relative humidity below 90% before painting.
- ▶ Ensure the surface temperature at least 3°C above dew point temperature.

## WEATHERFORCE

---

### REMARKS

- ▶ Always conduct an application point test on small area. Check for any abnormalities and paint defects prior to painting.
- ▶ This product should only be applied over concrete, plaster and masonry substrate that have been suitably sealed and primed
- ▶ Avoid excessive thinning as it will result in colour difference, poor hiding power, poor finishing, and overall paint performance compromised.
- ▶ Always follow TDS recommended coating thickness and ensure uniform application thickness. Inconsistent film thickness will result in difference in sheen level and unpleasant finishing.
- ▶ It is recommended to paint the same colour with same batch number, using same painting equipment and method and also follow instructed thinning ratio to ensure consistent painted finishing.
- ▶ Do not skip primer and sealer application as concrete primer and sealers will minimize efflorescence defects on humid area.
- ▶ Recommended to paint according to TDS and Application guide.  
*(Please consult with KCC customer service for any inquiries or browse to our website [www.kccpaint.com.my](http://www.kccpaint.com.my))*

---

### SAFETY PRECAUTIONS

- ▶ Ensure adequate ventilation during application and drying.
- ▶ Avoid contact with eyes and skin.
- ▶ In case in contact with skin, wash immediately with plenty of soap and water.
- ▶ During spray application, do not breathe in mist and wear suitable respiratory protective equipment.
- ▶ Keep out of reach of children.

---

### FIRST AID

- |                   |   |
|-------------------|---|
| <b>Eyes</b>       | Rinse immediately with plenty of water and seek medical advice. |
| <b>Skin</b>       | Wash immediately with plenty of soap and water.                 |
| <b>Inhalation</b> | Remove to fresh air, loosen collar and keep patient rested.     |
| <b>Ingestion</b>  | Do not induce vomiting. Seek medical attention.                 |

---

### DISCLAIMER

*The above information is given to the best of our knowledge based on laboratory testing and practical experiences. The information in this data sheet may be subject to changes from time to time and without notice due to production refinements arising from continuing research and evaluation programmes which may occasionally result in marginal changes in the coating properties.*

---

<b>REVISION DATE</b>	22/12/2023
<b>REVISION NO.</b>	3.0

**KCC** paint™  
KOREA No.1

외부

# WEATHERFORCE

EXTERIOR COLLECTION



KCC paint™

Discover The All New

# WEATHERFORCE

Powered By :



Formulated with special selected filler particle to effectively form a compact and tough film coating for your exterior walls. Gap Bridging Technology improved sealing properties and hence controlled efflorescence properties is achieved.



## WEATHERFORCE

Premium exterior paint for advanced weather protection



## WEATHERFORCE Extreme

Ultimate exterior paint for maximum weather protection

### New Features



Efflorescence Control System



Enhanced Durability



UV-Shield Technology



Dirt Pick-Up Resistance



EXCELLENT OPACITY



ANTI FUNGAL & ALGAE



WATER RESISTANT



NO LEAD OR MERCURY ADDED



ECO FRIENDLY



WATER BASED

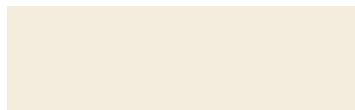


CERTIFIED TO MS134 : 2007  
Licence No : PK 017602

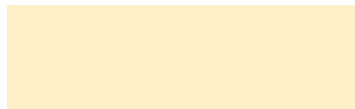
LOW VOC  
SIRIM CRITERIA 019 : 2012  
Licence No : ELK 0626001



Natural White 25-90101



Honey Ice 25-90103



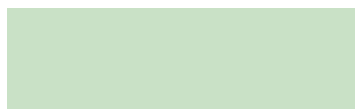
Pastel Sun 25-90107



Moonlit Lavender 25-90211



Light Periwinkle 25-92103



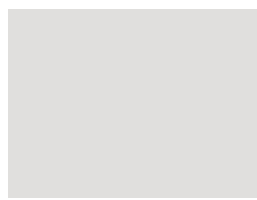
Lime Ice 25-98111



Tuscan Sunset 25-94105



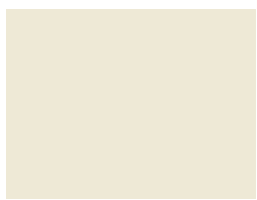
All colours reproduced are shown to be as close to actual paint colours as modern printing techniques allow. Where colour matching is critical, an applied sample is recommended. Temperature reduction varies from colour to colour.



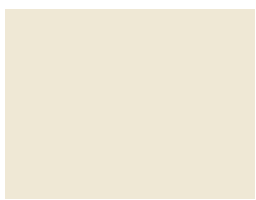
Illumination 25-90118



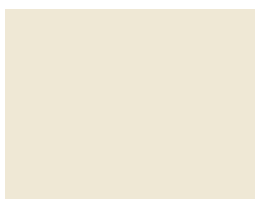
Soft Satin 25-96142



Pale Linen 25-90115



Cream Lace 25-90105



Ancient White 25-90104



Vapour Mist 25-90121



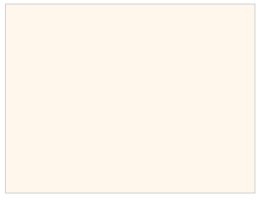
Shallow Creek 25-91101



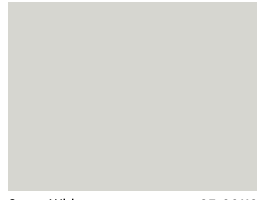
Bare Essence 25-90114



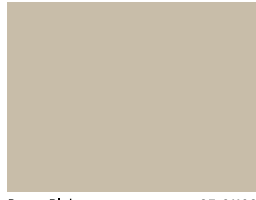
Ivory Desert 25-97105



Angel Light 25-90102



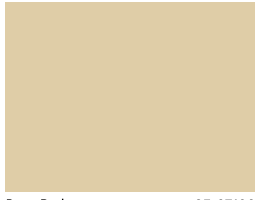
Stone White 25-90119



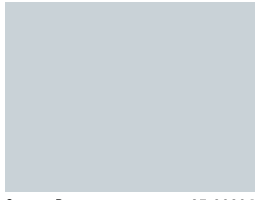
Dusty Plains 25-91102



Delicate Beige 25-96121



Deer Path 25-97106



Stormy Bay 25-90204



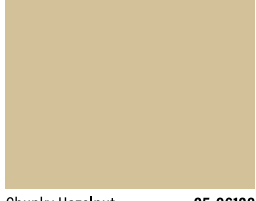
Fieldstone 25-91129



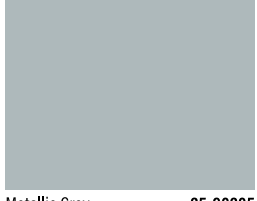
Fedora 25-91103



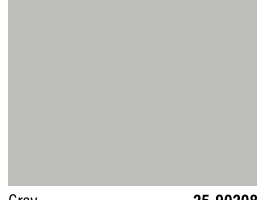
Wet Sand 25-96129



Chunky Hazelnut 25-96138



Metallic Grey 25-90205



Gray 25-90208



Hidden Ground 25-91104



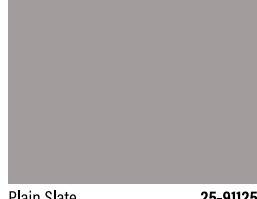
Tumbleweed 25-96130



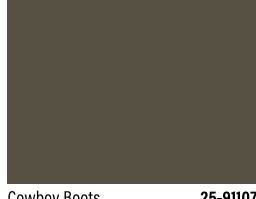
Fair Oak 25-96140



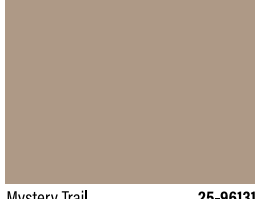
Cold Steel 25-92102



Plain Slate 25-91125



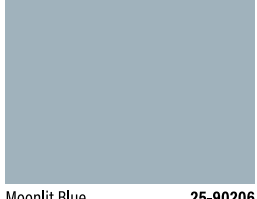
Cowboy Boots 25-91107



Mystery Trail 25-96131



Gingerbread 25-96139



Moonlit Blue 25-90206



Ashland 25-91126



Baby Elephant 25-91121



Wooden Shed 25-96133



Enoby 25-92128



Coastline 25-91116



Anchor Grey 25-91131



Silver Smoke 25-90209



Sparrow 25-96136



Urban Legend 25-98103



Smoky Blue 25-91111



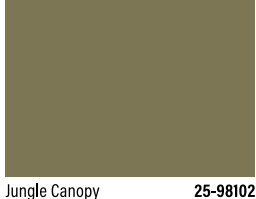
Wind Shadow 25-91132



Cloudy Frost 25-91122



Revolution 25-96143



Jungle Canopy 25-98102



Stormborne 25-90207



Dark Smoke 25-94109



Wrought Iron 25-91123



Bittersweet 25-96144



Rainy Afternoon 25-91110

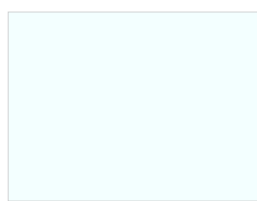


Solitude 25-91128

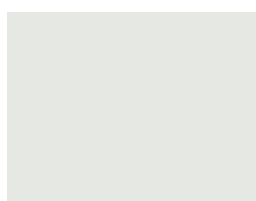
★ Not available in WEATHERFORCE Extreme

● Premium Colour

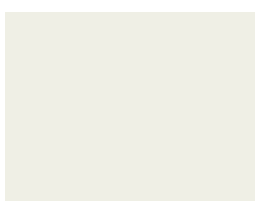
Also available in White 25-90000 and Black 25-91000



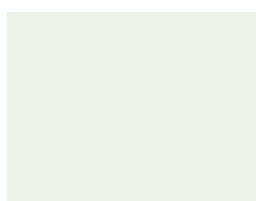
Skyline Vision 25-92122



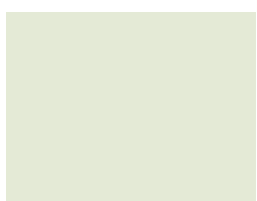
Light Silver 25-90202



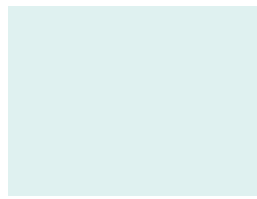
Dove Wing 25-90116



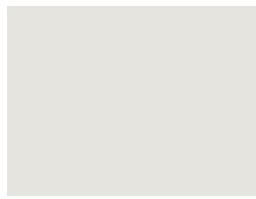
Moonlit Pearl 25-92125



Starlit Drift 25-92126



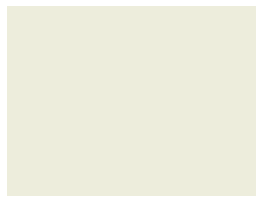
Neon Twilight 25-92123



Porcelain Vase 25-90120



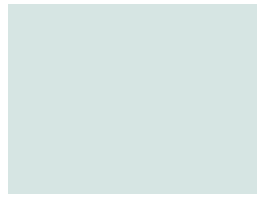
Misty Mountain 25-90117



Whispering 25-90210



Whispering Green 25-92127



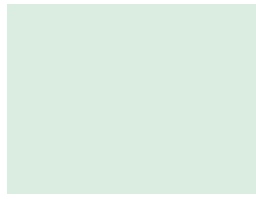
Winter Breeze 25-92101



London Mist 25-90203



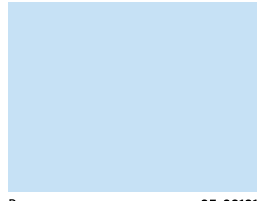
Royal Pewter 25-91117



Aqua Tear 25-92124



Granny Smith ★ 25-99802



Dreamwave 25-92121



Stormy Summit 25-91120



Whisper 25-91114



Liberty Green 25-98112



Antique Citrus ★ 25-99803



Calming Lakeside 25-92104



Calming Grey 25-91130



Eclipse 25-91115



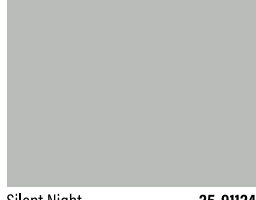
Feather Jade 25-98114



Woodstock Beige 25-96137



Blueberry Fantasy 25-92106



Silent Night 25-91124



Dusk Purple 25-93102



Sage 25-98113



Mossy Stone 25-98104



Rivertide 25-92105



Deep Seafoam 25-92109



Silent Hush 25-93103



Shy Green 25-98106



Farm Meadows 25-98105



Evening Crystal 25-92107



Blue Robin 25-92110



Autumn Sky 25-93101



Courtyard Tale 25-98107



Dusty Lane 25-98101



Silver Lead 25-91113



Patriot Blue ★ 25-92111



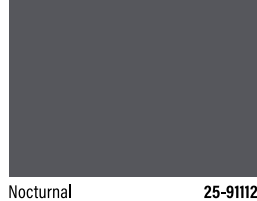
Opal Orchid 25-92120



Secret Hideout 25-98108



Green Tea ★ 25-99801



Nocturnal 25-91112



Symphony 25-92112



Nobility 25-93104

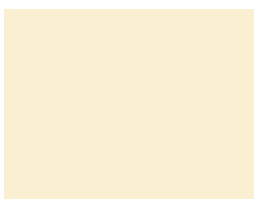


Aged Pine 25-98109



Esmerelda 25-98117

All colours reproduced are shown to be as close to actual paint colours as modern printing techniques allow. Where colour matching is critical, an applied sample is recommended. Temperature reduction varies from colour to colour.



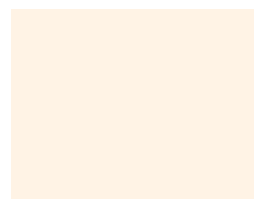
Rich Cream 25-90106



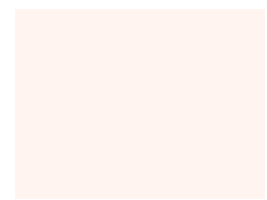
Melon Seed 25-97101



Daybreak 25-90110



Vanilla Orange 25-90108



Powder White 25-90113



Buttercup 25-97102



Cornerstone 25-96106



Fiery Ember 25-92129



Apricot Glow 25-90109



Pearly Essence 25-94107



Baby Sunflower 25-97103



Dark Mustard 25-96122



Sweet Pudding 25-96104



Warm Beach 25-90112



Strawberry Cream 25-95103



Lemon Zest 25-99701



Starfish 25-96101



Canyon Horizon 25-96112



Peach Sunset 25-96117



Tulip Field 25-95104



Imperial Gold 25-99604



Washed Bronze 25-96113



Frizzante Peach 25-94102



Old Brass 25-94106



Sweet Blush 25-95105



Mango Tango 25-96105



Baker Brown 25-96114



Tropical Bubbles 25-94103



Old Penny 25-96126



Burnt Coral 25-96118



Gold Mine 25-96102



Saddle 25-96124



Apricot Dream 25-94104



Carriage Red 25-95102



Rosy Brown 25-95106



Salted Caramel 25-99601



Tanned Orange 25-96123



Old Tangerine 25-99602



Crimson Lion 25-99502



Earthen Jar 25-96120



Mayan Tiger 25-99606



Brown Spice 25-96125



Country Lane 25-96116



Toasted Rosewood 25-99503



Hickory 25-96127



Rawhide 25-96108



Chocolate Sundae 25-96135



Dark Maple 25-99505



Magma Brown 25-95108



Barista Brown 25-96128

Discover the Epitome of Innovation with Korea's No 1.

# WEATHERFORCE

The Top-Rated, Tried-and-True Exterior Paint Brands in Korea.

## UV Resistant Test 1500 hours



WEATHERFORCE

Brand X

## Excellent Dirt Pick-Up Resistant Test



WEATHERFORCE

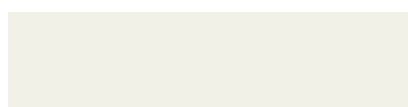
Brand X

## Improved Efflorescence Resistant Test



WEATHERFORCE

Brand X



Sunroof

25-94108



Deep Tiffany

25-92108



Midnight Dream

25-91127





## Product Selector Chart

TOPCOAT	WEATHERFORCE	WEATHERFORCE <b>Extreme</b>
Product Highlights	Improved dirt pick-up resistant. Excellent efflorescence resistant.	2 times longer protection against colour fading.
Years of Protection	8 years	12 years
UV Resistance	★	★
Alkaline Resistant	★	★
Dirt Pick-Up Resistant	★	★
Long Lasting Colours	★	★
Chalking Resistant	★	★
Anti-Fungal / Algae	★	★
Good Hiding	★	★
No Peeling & Flaking	★	★
Eco-Friendly	★	★
No Lead or Mercury Added	★	★
Finishing	Satin	Low Sheen

★ 5 Stars

## Recommended Coating System



For best results, ensure that the surface to be painted is thoroughly prepared. Please follow the recommendation below :

### SEALER / PRIMER



1 coat of  
**WEATHERFORCE  
Primer**



2 coats of any  
**WEATHERFORCE /  
WEATHERFORCE  
Extreme**



KCC Paints Sdn. Bhd. 199401038283 (323967-T)  
No. 1, Jalan Anggerik Mokara 31/55, Seksyen 31,  
Kota Kemuning, 40460 Shah Alam, Selangor.  
Tel (+60)3-5122 2900 | Fax (+60)3-5122 1900 | [www.kccpaint.com.my](http://www.kccpaint.com.my)

f KCC Paint Malaysia

@ kccpaintmalaysia

📍 kccpaintmy