

### **ABOUT US**

For over 80 years, W. R. MEADOWS has been recognized by architects, engineers and contractors worldwide as a major influencer and leading manufacturer in the concrete construction market.

We are proud to announce another accomplishment in our quest to be a leader in the world of concrete. Our **SPECTRUM Decorative Concrete System** offers our customers the ability to bring concrete to life with our wide variety of textured stamping mats and vibrant array of concrete colours. Turn your concrete project into a work of art by creating the look and feel of natural stone, without the associated high costs. **SPECTRUM Decorative Concrete Systems** have been designed to provide brilliant, long-lasting textures and vibrant colours to concrete surfaces worldwide.

**SPECTRUM Decorative Concrete Systems** are designed to work together as one. Whether it is new or old, chipped or faded concrete, **SPECTRUM** provides the ability to create or recreate a masterpiece. Our **SPECTRUM Decorative Concrete Systems** offer an entire scope of products ranging from acid stains, colouring and texturing, to our broad line of curing and sealing components. We also provide a wide variety of accessories to help complete all aspects of the project.

Give your design project the timeless look and age-old feel of natural stone, with an array of brilliant and tantalizing colours designed to last the test of time!





### SPECTRUM SHAKE-ON COLORANT

**SPECTRUM Shake-On Colorant** is a pre-mixed silica aggregate based, dry shake-on coloured hardener used in residential and commercial concrete floor applications. **Shake-On Colorant** is an easy, economical way to add vibrant colours to your decorative concrete project. It provides you with the flexibility to place colour where you want it, such as borders, inlays or ribbons. **Shake-On Colorant** enhances concrete projects with permanent colour; it also serves to protect the concrete surface from normal wear, as well as weathering. **Shake-On Colorant** is ideal for use with stamped/textured concrete hardscapes, as it provides rich, colourfast surfaces.





### SPECTRUM POWDER STAMP RELEASE

**SPECTRUM Powder Release** is a blend of natural and synthetic chemicals formulated to provide an effective, easy and clean release of polyurethane stamping mats and texturing tools from concrete surfaces. **SPECTRUM Powder Stamp Release** also provides a secondary (antiquing) colour, as it highlights the surface, which is essential to the finished appearance of the decorative project. **Powder Stamp Release** is broadcast across the entire surface that is to be stamped and brushed on the stamping mat or texturing tools. This ensures that the coloured highlights become impregnated into the concrete surface during the stamping process.





### STANDARD COLOURS







**Dark Brown** DB02



Tile Red TR02



**Bright Red** BR02



**Terracotta** TC02



Clay CL02



Buff BU02



Tan TN02



**Light Grey** LG02



Charcoal CH02



French Grey FG02



Black BK02

### **CUSTOM DESIGNER COLOURS**





Yellow

YE02

Green

GR02





**Green Grey** 

GG02

**FACTORS AFFECTING COLOURS** 

- Due to the many factors affecting the finished colour of concrete surfaces, such as weather, cement type and supplier, the shades shown in the chart will vary with field application. Always do an onsite sample under actual job conditions with the specified concrete mix design.
- Although every effort was made to ensure the accuracy of the colours shown in the chart, deviations may occur.
- Technical assistance is available for design, preparation of specifications and site supervision.

# SPECTRUM LIQUID STAMP RELEASE "CHERRY BLAST"

**SPECTRUM** "Cherry Blast" Liquid Release is a blend of natural and synthetic chemicals that provides quick, easy and clean release of polyurethane stamping mats and texturing tools from concrete surfaces. "Cherry Blast" Liquid Release is a clear and non-staining liquid used where powder releases may cause staining to adjacent surfaces, or where no secondary colour is required. "Cherry Blast" Liquid Release is applied to the concrete surface and textured mats immediately before stamping. It offers the ability to re-float previously stamped areas where a blemish may have occurred during the stamping process.





### SPECTRUM SEAMLESS TEXTURED SKINS

**SPECTRUM Seamless Textured Skins** are designed to provide concrete surfaces with a seamless appearance and elegance of natural stone surfaces. **Seamless Textured Skins** are manufactured from high-quality polyurethane that is lightweight for easy manoeuvering, are tough and durable to last for years to come, and possess excellent detailing for a true natural stone impression. **Seamless Textured Skins** are available in a wide variety of design patterns to create the timeless look of elegance your design craves.





### **SPECTRUM TEXTURED STAMPING MATS**

**SPECTRUM Textured Stamping Mats** are designed to provide concrete surfaces with a textured appearance and elegance of natural and old world stone. Made from high-quality polyurethane, **Textured Stamping Mats** are extremely durable and possess excellent detailing for a true natural stone impression. Whatever your design tastes, choose from our wide selection of styles and patterns to create the timeless look of elegance you desire.







#### SPECTRUM PATINA ACID STAIN

**SPECTRUM Patina Acid Stain** is a ready-to-use chemical stain consisting of naturally occurring metallic compounds dissolved in acid. **Patina Acid Stain** penetrates the surface of new or old, as well as interior and exterior concrete surfaces, to produce an aged appearance of a timeworn surface. **Patina Acid Stain** colours are unique to each and every concrete surface because they produce a chemical reaction within the surface layer when it reacts with the calcium (free lime) in the concrete. The final colour will be dependant on the chemical composition, mix design, porosity, age, texture and colour of the concrete surface it's being applied to. **Patina Acid Stain** is hard-wearing for all sorts of commercial applications, ranging from retail outlets, showrooms and restaurants to office foyers.





Actual colours will vary depending on jobsite conditions. Always do a small test section prior to full scale application.

### TIPS FOR ACID STAINING

Wear safety glasses and rubber gloves to protect eyes and skin from splashing. Acid stains will burn skin and clothing! You are working with an acid, which may cause damage to adjacent vegetation, if not protected. Avoid inhaling fumes.

#### **Intensity of Stain is Affected by:**

- Concentration of the acidHigher = more intense
- Length of time the acid is left in contact with the surface

Length = intensity

- Age of the concrete (stain on newer concrete is generally more intense than on older concrete)
- Cement content (stain on higher cement content is generally more intense than on lower cement content substrates)
  - Surfaces to be stained should be 100% clean – free of waxes, curing compounds, sealers, oil and grease. If clean, the acid stain should fizz when applied.
  - Stains can be used at full concentration out of the bottle or diluted up to 12 times.
  - Apply with plastic or foam tools never use steel applicators.
  - Applying pressure during application produces more intense staining.
  - Pre-wetting surface reduces the likelihood of tool marks, but decreases intensity of stain (dilution factor).

- Avoid applying stain in straight lines
   use random or circular motions.
- Colours can be mixed either on the surface or in containers for highlights or an increasing colour range.
- Re-apply stain to darken or intensify colour, but intensely stained areas cannot be lightened.
- Wet the stained surface with water to "preview" finished look before sealing.
- Neutralizing is achieved by flushing the area with water until water runs clear, pH is neutral and no more colour comes off on your finger when the surface is wiped. Neutralizing can be accelerated by using a solution of 1 cup ammonia in 3 gallons of water followed by a water rinse to a neutral pH and no colour comes of on your finger when the surface is wiped.
- Sealer should be applied to a small test area prior to application of the entire surface to ensure bond of sealer to substrate. Note: Water-based sealers are typically more sensitive to pH, so more attention to neutralizing is required when applying a water-based product.

### **STAMP SELECTOR**



**Ashlar Slate** 69 cm x 66 cm (27-3/16" x 26") • Weight: 9 kg (20 lbs)



**Brick Basket Weave** 90 cm x 45 cm (35-7/16" x 17-11/16") • Weight: 8 kg (18 lbs)



**Boardwalk** 30 cm x 30 cm - 152 cm (1'-5') • Weight: 1.8-10 kg (4-22 lbs)



**Belgian Cobble** 91 cm x 47 cm (35-13/16" x 18-1/2") • Weight: 8 kg (18 lbs)



**Belgian Cobble Fan** 109 cm x 64 cm (42-15/16" x 25-3/16") • Weight: 10 kg (22 lbs)



**Granite Tile 12x12** 90 cm x 60 cm (35-7/16" x 23-5/8") • Weight: 13 kg (29 lbs)

### **STAMP SELECTOR**



Herringbone 100 cm x 68 cm (39-3/8"x 26-3/4") • Weight: 9.5 kg (21 lbs)



**London Cobble** 89 cm x 42 cm (35-1/16" x 16-9/16") • Weight: 8 kg (18 lbs)



**London Cobble Weave** 91 cm x 46 cm (35-15/16" x 18-1/8") • Weight: 8 kg (18 lbs)



**Bavarian Slate** 122 cm x 122 cm (48" x 48") • Weight: 11 kg (24 lbs)





90 cm x 50 cm (35-7/16" x 19-11/16") • Weight: 9.5 kg (21 lbs)



**London Slate** 90 cm x 47 cm (35-7/16" x 18-1/2") • Weight: 8 kg (18 lbs)



**Mexican Cobble** 61 cm x 130 cm (24" x 51") • Weight: 6 kg (13 lbs)





**Large Belgian Cobble** 98 cm x 48 cm (38-9/16" x 18-7/8") • Weight: 8 kg (18 lbs)





**London Cobble Fan** 

## **STAMP SELECTOR**



Park City Slate 94 cm x 62 cm (37" x 24-7/16") • Weight: 8 kg (18 lbs)



**Random Lava** 84 cm x 80 cm (33-1/16" x 31-1/2") • Weight: 10.5 kg (23 lbs)



**Random Spanish Slate** 80 cm x 80 cm (31-1/2" x 31-1/2") • Weight: 8 kg (18 lbs)



**Random Brick** 95 cm x 43 cm (37-3/8" x 16-15/16") • Weight: 8 kg (18 lbs)



**Random River Rock** 90 cm x 95 cm (35-7/16" x 37-3/8") • Weight: 13 kg (29 lbs)



**Spanish Tile 12x12** 91 cm x 61 cm (35-15/16" x 24") • Weight: 11 kg (24 lbs)

### **STAMP SELECTOR**





**Claystone Slate** 122 cm x 61 cm (48" x 24") • Weight: 8.5 kg (18 lbs)



**Rockery** 87 cm x 91 cm (34" x 36") • Weight: 6 kg (13 lbs)





**Sandstone Tile 12x12** 118 cm x 60 cm (46-7/16" x 23-5/8") • Weight: 9.5 kg (21 lbs)



**Sandstone Tile 12x18** 118 cm x 30 cm (46-7/16" x 11-13/16") • Weight: 5.5 kg (12 lbs)





**Sandstone Tile 16x16** 118 cm x 30 cm (46-7/16" x 11-13/16") • Weight: 8 kg (18 lbs)



**Large Brick Border**90 cm x 30 cm (35-7/16" x 11-13/16")
106 cm x 21 cm (41-3/4" x 8-1/4") Weight: 6.5 kg (14 lbs)



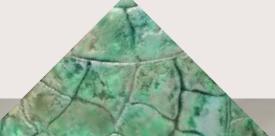
Weight: 4.5 kg (10 lbs)



**London Cobble Border** 88 cm x 18 cm (34-5/8" x 7-1/16") Weight: 4 kg (9 lbs)



**Small Brick Border** 80 cm x 20 cm (31-1/2" x 7-7/8") Weight: 3 kg (7 lbs)



### **STAMP SELECTOR**



**Canyon Slate Texture Skin** 118 cm x 118 cm (46-7/16" x 46-7/16") • Weight: 6.5 kg (14 lbs)



**Sandstone Texture Skin** 113 cm x 113 cm (44-1/2" x 44-1/2") • Weight: 8 kg (18 lbs)



Italian Slate Texture Skin 91 cm x 91 cm (35-3/16" x 35-3/16") • Weight: 7.3 kg (16 lbs)



**Old Granite Texture Skin**50.8 cm x 50.8 cm (20" x 20") • 1.13 kg (2.5 lbs)
91.4 cm x 91.4 cm (36" x 36") • 4.54 kg (10 lbs)
121.9 cm x 121.9 cm (48" x 48") • 9.07 kg (20 lbs)
152.4 cm x 152.4 cm (60" x 60") • 13.6 kg (30 lbs)



**Roman Slate Texture Skin**50.8 cm x 50.8 cm (20" x 20") • 1.13 kg (2.5 lbs)
91.4 cm x 91.4 cm (36" x 36") • 4.54 kg (10 lbs)
121.9 cm x 121.9 cm (48" x 48") • 9.07 kg (20 lbs)
152.4 cm x 152.4 cm (60" x 60") • 13.6 kg (30 lbs)



**Belgium Slate Texture Skin**50.8 cm x 50.8 cm (20" x 20") • 1.13 kg (2.5 lbs)
91.4 cm x 91.4 cm (36" x 36") • 4.54 kg (10 lbs)
121.9 cm x 121.9 cm (48" x 48") • 9.07 kg (20 lbs)
152.4 cm x 152.4 cm (60" x 60") • 13.6 kg (30 lbs)

### PROTECTING YOUR INVESTMENT

At W. R. MEADOWS, we understand how important it is to protect your decorative concrete design. That is why, for more than 80 years, W. R. MEADOWS has been developing and manufacturing concrete sealing products that offer protection for your investment. Our extensive line of solvent and water-based sealers provide improved protection from oil, grease, rain, snow, ultra violet rays, industrial chemicals, cleaning agents, de-icing salts, airborne soot and other pollutants. Our extensive line of concrete sealers provide your decorative concrete with a clear, non-yellowing, flexible film that brings the true colour of decorative concrete to life, and have the whole neighbourhood talking!

#### SEAL CURE<sub>TM</sub> and SEAL CURE/25





**SEAL CURE** and **SEAL CURE**/25 are economical, non-yellowing curing and sealing compounds formulated from acrylic polymers and quick-evaporating solvents. **SEAL CURE** imparts a lower solids content, leaving concrete surfaces with low sheen. **SEAL CURE**/25 imparts a high solids content, leaving concrete surfaces with a medium-to-high sheen (based on number of coats). Both provide a clear, uniform, moisture retentive film that simultaneously cure and seal concrete surfaces that will provide improved resistance from contact with chemicals, oil, grease, de-icing salts and abrasions. Provide your driveway, walkway, and pool deck with the protection it deserves and it will last for seasons to come.

CS-309<sub>TM</sub>/-20 /-25 /-30 Clear Curing and Sealing Compound

Curing and Sealing Compound







**CS-309/-20 /-25 /-30** curing and sealing compound are clear, non-yellowing formulation of high quality acrylic polymers and quick evaporating solvents that effectively cure and seal freshly placed concrete. The **CS-309** line provides a premium-grade film for optimum moisture retention that produces a hard, dense, high-compressive strength concrete. **CS-309** line of curing and sealing compounds provide decorative concrete with the improved protection it needs from chemicals, oils, grease, de-icing salts, airborne soot and abrasions. **CS-309** products are perfect for any exterior application of decorative concrete surfaces, driveways, pool decks, walkways, patios and more. Available in four different grades ranging from high to low sheen, the **CS-309** line provides a durable, long lasting finish that offers the complete protection decorative concrete desires.

#### VOCOMP<sub>®</sub>-20 /-25 /-30

Water-Based Acrylic Curing and Sealing Compound







**VOCOMP-20** /-25 /-30 water-based curing and sealing compounds are formulated of special acrylic polymers in a true water-based carrier. The **VOCOMP** line provides a non-yellowing, water-based compound that cures and seals concrete in one quick and easy application. **VOCOMP** provides improved resistance to rain, sun, airborne soot, freezing temperatures, most acids, industrial chemicals, de-icing salts and cleaning agents. Available in three different formulations that range from high to low sheen, making it a wise choice for interior and exterior surfaces, patios, walkways, driveways, pool decks and many other concrete surfaces that need protection from everyday lifestyles.

### PROTECTING YOUR INVESTMENT

#### **HIACTM and HIAC-PLUS**







**HIAC** and **HIAC-PLUS** are high-quality acrylic co-polymer based solutions, designed to protect exterior concrete surfaces. Both offer improved resistance to stains, acid, oil, grease, de-icing salts, and most industrial chemicals. **HIAC** imparts a low-to-medium sheen (based on number of coats) that will enhance colour, while at the same time, form a protective shield that will not yellow the surface of concrete. **HIAC-PLUS** imparts a medium-to-high sheen (based on number of coats) that will intensify colour and form a protective shield that will not yellow the surface of concrete. Both HIAC and HIAC-PLUS may be applied over the CS-309 line of curing and sealing compounds and are the perfect choice for driveways, walkways, patios, exposed aggregate and interlocking concrete pavers. Provide your decorative concrete surface with the colour and protection it deserves for seasons to come.

#### **DECRA-SEALTM**

Acrylic Curing and Sealing Compound



**DECRA-SEAL** is a premium grade, acrylic-based, liquid curing and sealing compound designed specifically to enhance and protect exterior decorative concrete surfaces. **DECRA-SEAL** imparts a clear, hard yet flexible, high sheen film that enhances and protects decorative coloured concrete surfaces. **DECRA-SEAL** is the perfect match for decorative concrete driveways, walkways, pool decks, exposed aggregate and other concrete surfaces, as it provides them with vibrant colour and improved protection from oils, grease, de-icing salts, airborne soot, most chemicals and abrasions. Give your decorative concrete project the protection it deserves with **DECRA-SEAL**.

#### **DECRA-SEAL W/B**

Water-Based Acrylic Sealer



**DECRA-SEAL W/B** is a premium grade, urethane/acrylic polymer based sealing compound designed specifically to enhance and protect interior and exterior decorative concrete surfaces. **DECRA-SEAL W/B** imparts a clear, hard yet flexible, high sheen film that enhances and protects decorative coloured concrete surfaces. **DECRA-SEAL W/B** is the perfect match for decorative concrete driveways, walkways, pool decks, exposed aggregate and other concrete surfaces as it provides them with vibrant colour and improved protection from oils, grease, de-icing salts, airborne soot, most chemicals and abrasions. Give your decorative concrete project the protection it deserves with **DECRA-SEAL W/B**.

### PROTECTING YOUR INVESTMENT

#### **DECRA-SEAL PLUS**

Dual Action Non-Yellowing Curing and Sealing Compound



**DECRA-SEAL PLUS** is a unique, dual action, non-yellowing high solid liquid curing and sealing compound for decorative concrete surfaces. The product is clear, transparent and easy-to-apply. **DECRA-SEAL PLUS** offers improved resistance to water, alkalis, mild acids and petroleum spirits. The product has been formulated to penetrate, seal and protect decorative concrete utilizing a proprietary, dual action, chemically reactive formulation. This unique formulation produces a two-stage protective system against the ingress of moisture, salts and other hazardous contaminants. **DECRA-SEAL PLUS** is designed for various applications, including exterior concrete surfaces, driveways, patios, swimming pool areas, exposed aggregate and basements, as well as any exterior surface where protection and sealing of concrete is desired. When it comes time to protect your investment, **DECRA-SEAL PLUS** provides the complete approach to long lasting decorative concrete protection for years of enjoyment.

#### **DECK-O-SHIELDTM**







**DECK-O-SHIELD** is a ready-to-use, water-based sealer/water repellent for natural stone, concrete, and masonry surfaces, for specific swimming pool application purposes. **DECK-O-SHIELD** is designed for use as a sealer/water repellent on waterfalls in or around swimming pools; the product will limit the penetration of water into structurally sound, crack-free surfaces. The product can also be used as a sealer/water repellent for natural stone decks, walkways, or patios; virtually any area located near or around swimming pool areas.

#### **DECK-O-GRIP®**

Non-Yellowing Acrylic, Non-Slip Cure and Seal



**DECK-O-GRIP** is a non-yellowing, acrylic-based, high solids, transparent, liquid cure and seal. It provides a clear, flexible, durable and improved abrasion and stain-resistant protective film. **DECK-O-GRIP** also offers improved resistance to most of today's common pool chemicals. It is specifically designed to retain and enhance the appearance of coloured concrete and exposed aggregate surfaces for years to come. The compound contains a slip-resistant additive, which establishes an easy-to-clean, non-slip surface for traditionally slippery areas.

#### **DECK-O-GRIP® W/B**

Non-Yellowing, Slip-Resistant Sealer for Decorative Concrete



**DECK-O-GRIP** W/B is a non-yellowing, blended, polymer-based, high solids, liquid sealer for decorative concrete. The product is clear, transparent and easy to apply. **DECK-O-GRIP W/B** also offers greatly improved chemical resistance when compared to standard acrylic-only based curing and sealing compounds. The product has been formulated to seal and protect decorative coloured concrete by producing a hard, yet flexible, clear film. The compound contains a slip-resistant additive, which produces a slip-resistant surface, for use on traditionally slippery areas.

### **CURING AND SEALING TIPS**

#### **General Tips (Applies to All)**

- Follow all manufacturers' instructions.
- Avoid premature drying of the surface between finishing operations; protect from wind and sun. Consider the use of an evaporation retardant.
- Allow sufficient time between coats, as per manufacturer's recommendation.
- Never re-temper the surface of the concrete to aid in finishing.
- Do not use evaporation retardants as finishing aids.
- Do not use a membrane forming curing compound if a penetrating sealer is to be applied.
- When water curing, the concrete must be kept continuously wet for a minimum of 7 days.
- Apply curing/curing and sealing compound with manufacturer's recommended equipment only.
- Keep traffic off concrete, as per manufacturer's recommendation.
- Do not cover decorative concrete with plastic sheeting or Kraft paper.
- Use proper spray tip, as recommended by manufacturer.
- Follow recommended clean-up procedures.

#### **Curing/Curing and Sealing Compounds**

- Do not over apply. This can lead to blistering and peeling.
- Apply liquid membrane curing or curing and sealing compound as soon as surface water has evaporated and final finishing operations have been completed.
- Do not apply until all surface water has evaporated.
- Do not apply curing/curing and sealing compounds if the dew point is such that sweating is occurring on the surface of the concrete.
- Apply liquid membrane curing/curing and sealing compounds in a thin continuous application at the recommended coverage rate.

#### **Concrete Sealers (Surface)**

- Do not apply sealer to surfaces that are defective or weakened.
- Ensure that the previous coat of sealer has properly dried (dry does not mean cured), as per the manufacturer's recommendation. Do not apply surface sealer until the moisture content of the concrete is such that alkali and salts will not be trapped, typically 14 28 days.
- Do not apply surface sealers to damp concrete; allow to dry thoroughly after cleaning.
- Ensure that the concrete is not sweating prior to the application of the surface sealer (rain, fog, high humidity conditions).
- Do not over-apply sealers. Follow manufacturer's recommended coverage rates.
- Do not allow puddling, especially in joints or textured areas.

### **ACCESSORIES**

### **SURE-STEP**<sub>TM</sub> Slip-Resistant Additive



**SURE-STEP** is a slip-resistant additive made from finely ground polymer material that can be added to most film forming water-based and solvent-based sealers, including **CS-309**, **SEAL-CURE** and **VOCOMP** Series, as well as **HIAC**, **HIAC-PLUS**, **DECRA-SEAL**, **DECRA-SEAL W/B** and **DECRA-SEAL PLUS**. **SURE-STEP** is perfect for all decorative concrete projects, such as walkways, porches, driveways and pool decks, as it provides added abrasion and chemical resistance, and most importantly, added traction.

#### TOP-STOP<sub>TM</sub>

Spray-Applied, Water-Soluble Horizontal and Vertical Surface Retarder

**TOP-STOP** is designed to slow the set of surface mortar in concrete so that the aggregate can be exposed, creating an architectural or decorative concrete finish. By removing the surface mortar, **TOP-STOP** allows the natural colour and texture of the aggregate to be exposed. **TOP-STOP** is perfect for exposing aggregates on floor slabs, sidewalks, pre-cast walls, stairs, and a variety of other horizontal or vertical decorative concrete designs.

### **EVAPRETM**Evaporation Retardant



**EVAPRE** is a high quality, water-based compound specifically designed to reduce rapid moisture loss from concrete surfaces prior to curing. It significantly reduces the plastic shrinkage, stickiness, sponginess, crusting and cracking caused by evaporation when working in low humidity, high temperature and high winds. **EVAPRE** is the perfect solution for concrete surfaces when working outdoors and under extreme weather conditions.

#### **DECK-O-FOAM®**



Expansion Joint Filler

**DECK-O-FOAM** expansion joint filler is a flexible, lightweight, non-staining, polyethylene expansion joint filler. Designed to bend and form with every curve it encounters, without breaking or the need for cutting. **DECK-O-FOAM** is a chemical-resistant, ultraviolet stable, non-absorbent, economical, grey-coloured, flexible foam expansion joint that offers an extended service life for both exterior and interior decorative concrete applications. **DECK-O-FOAM** provides easy installation around pools decks, walkways, driveways and many other concrete projects where an expansion joint is needed.

