

Concrete Colors for Integral - Hardners - Releases



Any Color You Want

ANY CUSTOM BLENDED COLOR INCLUDING:
SUNSET ROSE MOCHA DUSTY ROSE CANYON ROSE
GREEN SLATE OMAHA TAN WALNUT ASH GRAY BEDFORD BROWN
PLUS 11 PRIMARY COLORS IN VARIOUS STRENGTHS

FOR YOUR CONVENIENCE WE HAVE PUT A USEFUL COLOR ADDITIVE CALCULATOR AT
WWW.CONCRETECH.COM

PRIMARY CONCRETECH COLORS



PC-01 1lb. or 1%



PC-01 2lb. or 2%



PC-01 3lb. or 3%



PC-01 4lb. or 4%



PC-01 5lb. or 5%



PC-02 1lb. or 1%



PC-02 2lb. or 2%



PC-02 3lb. or 3%



PC-02 4lb. or 4%



PC-02 5lb. or 5%



PC-03 1lb. or 1%



PC-03 2lb. or 2%



PC-03 3lb. or 3%



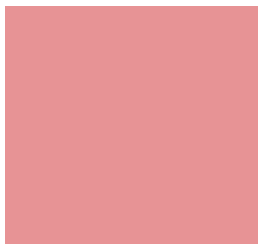
PC-03 4lb. or 4%



PC-03 5lb. or 5%



PC-04 1lb. or 1%



PC-04 2lb. or 2%



PC-04 3lb. or 3%



PC-04 4lb. or 4%



PC-04 5lb. or 5%



PC-05 1lb. or 1%



PC-05 2lb. or 2%



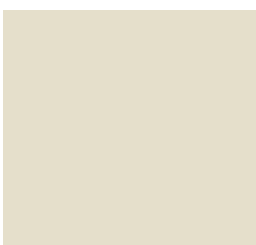
PC-05 3lb. or 3%



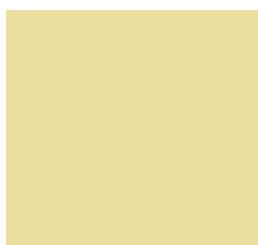
PC-05 4lb. or 4%



PC-05 5lb. or 5%



PC-06 1lb. or 1%



PC-06 2lb. or 2%



PC-06 3lb. or 3%



PC-06 4lb. or 4%



PC-06 5lb. or 5%

PRIMARY CONCRETECH COLORS



PC-07 1lb. or 1%



PC-07 2lb. or 2%



PC-07 3lb. or 3%



PC-07 4lb. or 4%



PC-07 5lb. or 5%



PC-08 1lb. or 1%



PC-08 2lb. or 2%



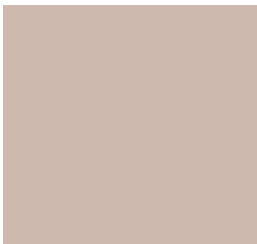
PC-08 3lb. or 3%



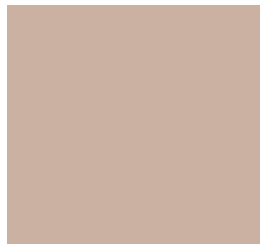
PC-08 4lb. or 4%



PC-08 5lb. or 5%



PC-09 1lb. or 1%



PC-09 2lb. or 2%



PC-09 3lb. or 3%



PC-09 4lb. or 4%



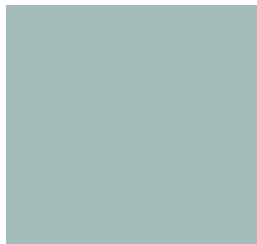
PC-09 5lb. or 5%



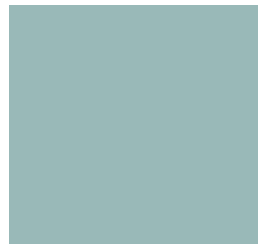
PC-10 1lb. or 1%



PC-10 2lb. or 2%



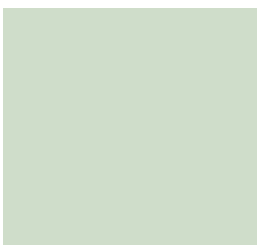
PC-10 3lb. or 3%



PC-10 4lb. or 4%



PC-10 5lb. or 5%



PC-11 1lb. or 1%



PC-11 2lb. or 2%



PC-11 3lb. or 3%



PC-11 4lb. or 4%



PC-11 5lb. or 5%

NOTE: Color selections on this chart approximate as closely as possible appearance of color when used on horizontal troweled and/or imprinted concrete. Variations can be expected due to job conditions, cement finishing techniques, use of sealers and slight raw material color drifts. Due to the natural source materials in cement and handcrafted nature of imprinted concrete, variations are acceptable and desirable. See Concretech Technical Bulletin before use.

Because the conditions of use and application of our products are beyond control, **Concretech Decorative Concrete Supply Ltd.** makes no warranty of fitness or merchantability for any particular purpose and expressly disclaims liability for incidental or consequential damages whether based on negligence or warranty. Buyer's sole remedy shall be the refund of color purchase price from point of purchase.

BLENDED CONCRETECH COLORS



Mocha
1lb. or 1% BC-01



Omaha Tan
1lb. or 1% BC-02



Ash Gray
1lb. or 1% BC-03



Coffee Custard
1lb. or 1% BC-04



Desert Tan
1lb. or 1% BC-05



Earth Rose
2lb. or 2% BC-01



Gothic Gold
2lb. or 2% BC-02



Cobblestone
2lb. or 2% BC-03



Cocoa
2lb. or 2% BC-04



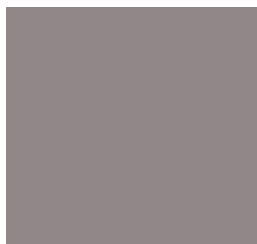
Oakwood Brown
2lb. or 2% BC-05



Sunset Rose
1lb. or 1% BC-06



Bedford Brown
1lb. or 1% BC-07



Misty Gray
1lb. or 1% BC-08



Sierra Sand
1lb. or 1% BC-09



Dusty Rose
1lb. or 1% BC-10



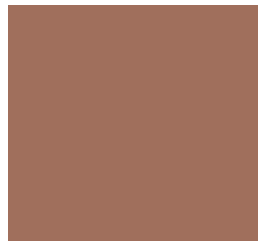
Rustic Red
2lb. or 2% BC-06



Canyon Stone
2lb. or 2% BC-07



Blush
2lb. or 2% BC-08



Mesa Brown
2lb. or 2% BC-09



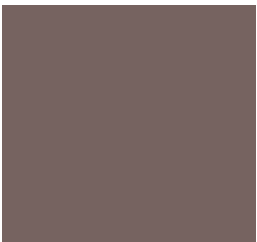
Caramel
2lb. or 2% BC-11



Brick Dust
3lb. or 3% BC-06



Copper Beach
3lb. or 3% BC-07



Walnut
3lb. or 3% BC-08



Green Slate
3lb. or 3% BC-12



Strawflower
3lb. or 3% BC-11

Calculations for adding integral color to your mix.

To obtain the best results:

1. Determine the amount of cement in your mix. (Ask your dispatcher)
2. Choose the color from the Concretech color chart.
3. Use the percentage number from the chart for the calculation.
4. Multiply the cement weight by color %, this equals the total weight of color needed

Examples:

Calculating in Metric: You have one (1) meter of concrete with 320kg of cement and you want Strawflower which is 3% of Concretech BC-11.
 $320\text{kg} \times 2.2 \text{ (lbs per kg)} = 704\text{lbs cement}$. $704\text{lbs} \times 3\% = 21\text{lbs of Strawflower BC-11}$.

Calculating in U.S.: You have 5 yards of concrete with 660lbs cement per yard and want Strawflower. $5 \text{ (yards)} \times 660 \text{ (lbs per yard)} = 3300\text{lbs}$.
 $\text{Multiply } 3300 \times 3\% = 99\text{lbs of Concretech BC-11}$.

Note: Cement material defined as the total of portland cement, fly ash, silica fume, lime and other cementitious materials but does not include aggregate or sand.

Select Grade™ Integral Color



BROWN
1 BAG PER 2 YARDS



EARTH BROWN
ADD 1 BAG OF BROWN
TO 1 YARD



TOASTED BROWN
ADD 2 BAGS OF BROWN
TO 1 YARD



CHINCHILLA BROWN
ADD 3 BAGS OF BROWN
TO 1 YARD



CORAL
1 BAG PER 2 YARDS



RED CORAL
ADD 1 BAG OF CORAL
TO 1 YARD



CRIMSON CORAL
ADD 2 BAGS OF CORAL
TO 1 YARD



FIERY CORAL
ADD 3 BAGS OF CORAL
TO 1 YARD



STONE
1 BAG PER 2 YARDS



RIVER STONE
ADD 1 BAG OF STONE
TO 1 YARD



QUARTZ STONE
ADD 2 BAGS OF STONE
TO 1 YARD



CLIFF STONE
ADD 3 BAGS OF STONE
TO 1 YARD



CLAY
1 BAG PER 2 YARDS



ARID CLAY
ADD 1 BAG OF CLAY
TO 1 YARD



BAKED CLAY
ADD 2 BAGS OF CLAY
TO 1 YARD



UTAH CLAY
ADD 3 BAGS OF CLAY
TO 1 YARD



BARK
1 BAG PER 2 YARDS



WISTERIA BARK
ADD 1 BAG OF BARK
TO 1 YARD



HICKORY BARK
ADD 2 BAGS OF BARK
TO 1 YARD



MAHOGANY BARK
ADD 3 BAGS OF BARK
TO 1 YARD



BUFF
1 BAG PER 2 YARDS



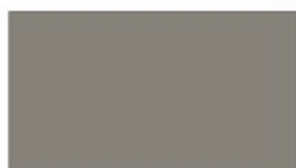
HONEY BUFF
ADD 1 BAG OF BUFF
TO 1 YARD



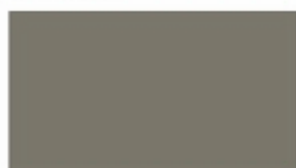
GOLDEN BUFF
ADD 2 BAGS OF BUFF
TO 1 YARD



MUSTARD BUFF
ADD 3 BAGS OF BUFF
TO 1 YARD



GRAY
1 BAG PER 2 YARDS



GAUNTLET GRAY
ADD 1 BAG OF GRAY
TO 1 YARD



FOX GRAY
ADD 2 BAGS OF GRAY
TO 1 YARD



HEMATITE GRAY
ADD 3 BAGS OF GRAY
TO 1 YARD

COLOURING METHOD

MIXING

- Step 1:** The truck mixer drum must be completely clean with no leftover water or aggregate before mixing a batch of coloured concrete.
- Step 2:** The slump must range from 90 mm to 100 mm (3 1/2" to 4"). If air is entrained, it should range from 5% to 7%.
- Step 3:** Put the drum in reverse (discharge) to shift the concrete toward the back of the drum and then stop the drum. Place the bags of pigment directly onto the concrete, then place the drum in forward (mix).
- Step 4:** Let it turn slowly (5 rpm) for 2 or 3 minutes.
- Step 5:** Then let the mixer run at optimum speed (12 rpm) for 10 to 15 minutes.

Caution: Never add extra water to a batch of coloured concrete. Any differences in slump in successive batches will result in colour variations in the concrete. Never use calcium chlorides or any accelerators.

FINISHING

- Step 1:** Place the concrete, then strike it off using recognized methods.
- Step 2:** Once the concrete has been struck off, use a vibrating screed or a magnesium float. Take care to work in one direction.
- Step 3:** Waiting period (do not allow the concrete to get too hard). Allow sufficient time for the concrete to set; rushing the other steps can alter the final appearance of the concrete.
- Step 4:** Initial floating should be halted if there is any bleed water on the surface of the concrete (bleed water can result in scaling). Floating can be continued once the bleed water has evaporated. Stamping is the next step, if it is to be carried out.
- Step 5:** A power trowel or magnesium hand float can be used for a smooth finish, but over-working the surface will cause discoloration.

Caution: Never fog the surface of the concrete with water; never wet the tools during use. The use of water will result in discoloration and may even damage the surface of the concrete.

STAMPING

Basic Usage: INTERSTAR coloured release is used when stamping a fresh concrete surface. This dry powder or liquid is designed to act as a release agent between the stamping tool and the surface of the concrete.

Packaging and Colours: INTERSTAR release comes in 11 different colours, supplied in 30 lb (13.6kg) pails. Clear liquid is available in 5 gals (20 l) pails.

Mixing: The powdered release must be shaken and turned before use.

Application: After the bleed water has evaporated, broadcast the powder by hand over the whole surface. Stamping is carried out immediately after applying INTERSTAR coloured release (follow labelled directions).

Finishing: It is important to allow 24 to 48 hours of curing once the job has finished. After curing, thoroughly clean the concrete surface with a pressure washer. Once it is clean and dry, apply a clear sealer to the surface. You can apply more than one coat to give the surface a "wet" or more glossy appearance. Always follow the labeled directions on the sealer.

Curing / Sealing: Do not fog or cover the surface during the initial curing period (at least 24 hours). To complete the final finishing process, INTERSTAR curing and sealing products should be applied. They are designed to provide a long lasting protective finish.

Caution: Wait until the surface of the concrete is uniformly dry before applying the sealer.

Admixtures: INTERSTAR pigments do not contain admixtures such as calcium chloride, water-reducing admixtures, or air-entraining agents. Using such admixtures will cause variations in the colour. The use of admixtures with INTERSTAR pigments must be very carefully controlled. When admixtures are used, they must be used throughout the job to ensure uniform colouring. Never use calcium chloride or any accelerators.

INTERSTAR symbolizes:

- Continual research and development for the enhancement of the quality of our products with innovative methods and production equipment.
- The highest quality of products - second to none.
- Progressive techniques for manufacturing pigments and admixtures.
- Specialists who are available to attend to your individual needs.
- Products designed specifically with the customer in mind.
- Fast and efficient delivery service.
- Internationally regarded for quality and price.
- Facilities throughout Canada, U.S.A. and Mexico.



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Toll-free fax: 1-888-563-1317

www.interstar.ca
e-mail: info@interstar.ca

INTERSTAR MATERIALS INC. warrants that their products conform to the description and standards stated on the product packaging. INTERSTAR warrants that, when the product is mixed and applied as directed, the colour will be uniform, limeproof and sunfast. The extent of this company's liability shall be the purchase price paid by the user or buyer for the quantity of the product involved.



INTERSTAR
PIGMENTS, ADMIXTURES & FIBERS

*Colours For
Ready-Mix
Concrete*

JN-4416
Buff 1 bag

BN-1705
Brown 1 bag

RG-2827
Red 1 bag

RG-2835
Blue Tone Red 1 bag

VT-2244
Chromium Green 1 bag

BL-3212
Silver 1 bag

JO-4134
Orange 1 bag

JN-4416
Buff 2 bags

BN-1705
Brown 2 bags

RG-2827
Red 2 bags

RG-2835
Blue Tone Red 2 bags

VT-2244
Chromium Green 2 bags

BL-3212
Silver 2 bags

JO-4134
Orange 2 bags

INTERSTAR colours for concrete...

a truly simple and effective procedure!

Discover an easy and affordable way to colour **ready-mix concrete** for decorative applications. Our specialists have formulated pigments to make integral concrete colouring a truly simple and effective procedure!

Our technicians are standing by to provide any assistance you may need in colouring **ready-mix concrete**.

For custom colours, provide the components of your mix (cement, aggregates) and a sample of the desired colour. We will develop a formula for your application.



BN-1703
Copper 1 bag

BN-1711
Brown 1 bag

RG-2832
Medium Tone Red 1 bag

RG-3077
Red 1 bag

RG-3072
Maroon Red 1 bag

VT-3310
Green 1 bag

JO-4122
Goldenrod 1 bag

NR-5105
Black 1 bag

NR-5157
Black 1 bag

BN-1703
Copper 2 bags

BN-1711
Brown 2 bags

RG-2832
Medium Tone Red 2 bags

RG-3077
Red 2 bags

RG-3072
Maroon Red 2 bags

VT-3310
Green 2 bags

JO-4122
Goldenrod 2 bags

NR-5105
Black 2 bags

NR-5157
Black 2 bags

Colours For Ready-Mix Concrete

- These **INTERSTAR** colours were obtained by using grey portland cement in a 32 MPa concrete mix.
- **INTERSTAR** Pigment can be added to any concrete mix.
- The chart gives an idea of the colour that is produced by using one or two bags of pigment per cubic metre of concrete.
- We can produce custom colours upon request.
- **INTERSTAR** pigments are packaged in premeasured bags that disintegrate in the concrete for easy, clean use.

Limitations:

The optimal recommended pigment dose ranges from **2 %** to **7 %** by total weight of the cementitious materials.

The colour saturation point is 10 % by total weight of the cementitious materials used. Higher colour doses will not enhance the colour and may even significantly degrade the durability of the finished product. Doses of less than 1 % will result in colour variations and give a washed-out appearance.