

Masonry and Concrete Restoration

Preserving Distinctive Structures with
Innovative Product Technology



Matrix

Matrix Superfine

Matrix VE

Matrix TR

A Step by Step Guide to
Stone Repair

RePoint and RePoint VE

Terracotta Repair

Injection Grout

ISR CM

ECB

Comparison Chart

DIVISION 3 & 4

July 2024

Matrix

Matrix repair mortar is designed for color matching repairs on building masonry substrates – including natural stone, cast stone, terra cotta, brick and concrete.



Matrix repair mortar combines time proven field performance with the most extensive laboratory testing of any similar material. It is a trowel applied cementitious repair mortar; formulated to be compatible with the color and physical properties of parent material.

**Available in 23 Standard Masonry Colors
with custom coloring available.**

Stencils and Carving



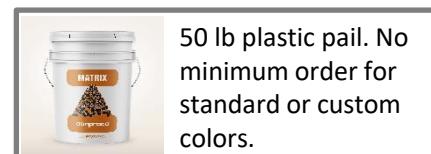
Molds and Casting



FEATURES & BENEFITS

- **Versatile** - Stone, terracotta, brick and concrete
- **Breathability** – Will not cause damage to structure by restricting moisture vapor flow
- **Carvable** - Recreate architectural detail
- **Durable** – Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance
- **Single Component** - Easy to batch
- **Low Shrinkage** – Maintains integrity of repair. Resists cracking
- **Thermal Compatibility** – Prevents delamination due to temperature change

Matrix contains a blended aggregate for detailed carving and allows for a longer working time. Matrix is an ideal product to use on large and small repair areas to achieve a weathered texture.



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Matrix Superfine

Matrix Superfine repair mortar is designed for color matching repairs on building masonry substrates – including natural stone, cast stone, terra cotta, brick and concrete.



Matrix Superfine repair mortar was developed to augment the repair options for masonry repair. The finer aggregates in Matrix Superfine provide sharper finishing lines and smoother textures where necessary. It is a trowel applied cementitious repair mortar; formulated to be compatible with the color and physical properties of parent substrate.

**Available in 23 Standard Masonry Colors
Custom Coloring Available**

FEATURES & BENEFITS

- **Versatile:** Stone, terracotta, brick and concrete
- **Breathability** – Will not cause damage to structure by restricting moisture vapor flow
- **Carvable** - Recreate architectural detail
- **Durable** – Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance
- **Single Component** - Easy to batch
- **Low Shrinkage** – Maintains integrity of repair. Resists cracking
- **Thermal Compatibility** – Prevents delamination due to temperature change

Ornamental Repair



Matrix Superfine contains a finer aggregate for detailed carving and allows for a longer working time making it an ideal product to use for ornate and weathered substrates

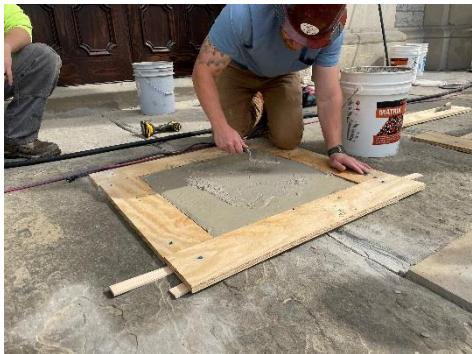


50 lb plastic pail. No minimum order for standard or custom colors.

Follow us on YouTube @conproco

Matrix VE

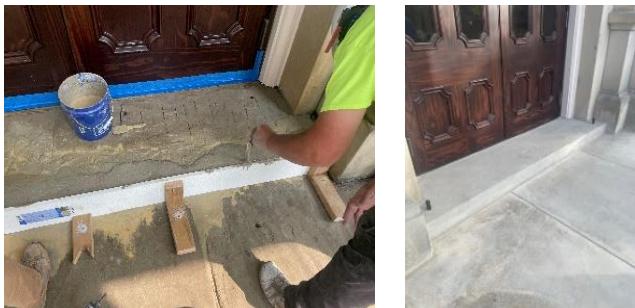
Matrix VE repair mortar is designed for color matching repairs on building masonry substrates – including natural stone, cast stone, terra cotta, brick and concrete.



Matrix VE (viscosity enhanced) repair mortar was developed to allow for form and pour applications where desired. The enhanced viscosity formulation keeps a color matched repair option viable. Matrix VE is a cementitious repair mortar; formulated to be compatible with the color and physical properties of parent substrate.

Available in 23 Standard Masonry Colors
Custom Coloring Available

Form and Pour



FEATURES & BENEFITS

- **Versatile**: Stone, Terracotta, Brick and Concrete
- **Breathability** - Allows Vapor Flow
- **Carvable** - Recreate Architectural Detail
- **Durable** - Excellent Freeze/Thaw Stability and Abrasion Resistant
- **Single Component** - Easy to Batch
- **Thermal Compatibility** – Prevents Delamination

Molds and Casting

Matrix VE contains a blended aggregate to aid in form and pour applications. The mortar formulation will recreate textures captured in rubber and silicone molds producing resilient repairs. The natural finishing time of Matrix VE allows for ornate finishes to be recreated during initial curing if necessary.



50 lb plastic pail. No minimum order for standard or custom colors.

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Matrix TR

Matrix TR repair mortar is designed for color matching repairs on building masonry substrates – including natural stone, cast stone, terra cotta, brick and concrete.



Matrix TR (thin repair) repair mortar was developed to allow for thin applications of color matched repair mortars at approximately 1/16". Matrix TR is often used in terra cotta repair to level glaze spalls or in precast sill repair where concrete crazing has deteriorated. Matrix TR can be finished as cures or can be sanded after full cure.

**Available in 23 Standard Masonry Colors
Custom Coloring Available**

Terra Cotta Glaze Spall Repair



Precast resurfacing



FEATURES & BENEFITS

- **Versatile:** Stone, terracotta, brick and concrete
- **Breathability** – Will not cause damage to structure by restricting moisture vapor flow
- **Carvable** - Recreate architectural detail
- **Durable** – Resistant to weathering action, excellent freeze/thaw stability and abrasion resistance
- **Sandable** – recreate shapes and finishes
- **Complete Kit** – Pre-measured, two component system in one container
- **Thermal Compatibility** – Prevents delamination due to temperature change

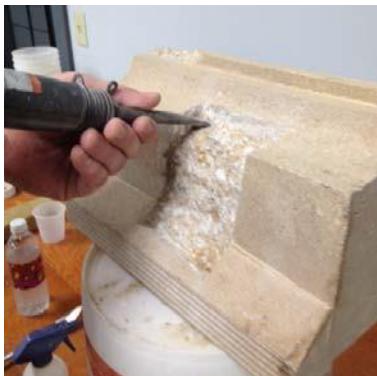
Matrix TR contains a very fine aggregate to aid in thin repair applications. The mortar formulation utilizes a polymer additive to aid in curing. Finishing is typically achieved shortly after application with a dry (semi-dry) float depending on texture desired.



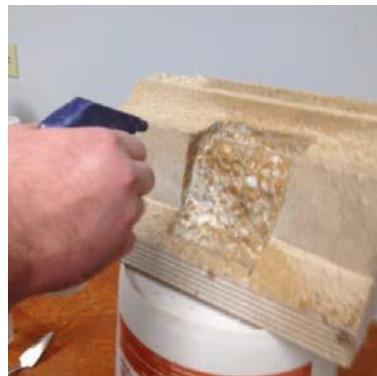
10 lb plastic pail.
No minimum order
for standard or
custom colors.

Follow us on YouTube @conproco

A Step By Step Guide to Stone Repair



1. Prep Work - square cut all shoulders (no feathered edges), create a minimum of 1/2" depth for repair. Remove all unsound, dirty or friable substrate.



2. Clean & Rinse - rinse prepped area in preparation for repair with water and/or air.



3. SSD - created a saturated surface dry condition for the area to be patched.



4. Saturated Surface Dry (SSD)



5. & 6. Bond Coat - apply a scrub/peanut butter/bond coat to prepped areas on SSD substrate. Scrub coat needs to be applied to all surfaces including shoulders of repair. Shoulder area indicated by red arrow on figure 6.



7. Patch - while the bond coat is still fresh/wet, apply Matrix to the substrate. Be sure not to apply repair mortar to a dried bond coat.



8. & 9. Overbuild - Continue to apply Matrix beyond the original surface profile.



A Step By Step Guide to Stone Repair



10. Pre-Screed - screed the patching mortar to within 1/4" of the final surface profile. Check for low spots.



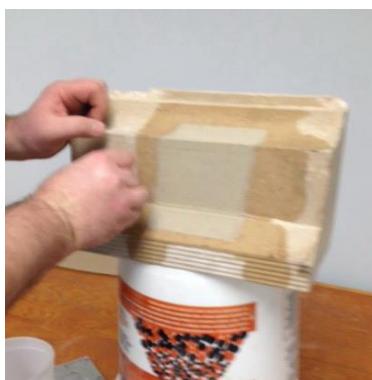
11. Remove heavy mortar smears.



12. Finish - begin final finish of repair when mortar achieves preliminary set. Mortar will have rough scraping sound and will not stick to screed tool.



Finish time varies depending on temperature, humidity, wind conditions and surface porosity. Great care should be taken to finish by removing small layers at a time.



13. & 14. Clean - remove any remaining mortar smears with a damp rubber sponge and clean water. This will prevent any halo effect around patched substrate.



15. Cure - mist the repair (in hotter conditions) and keep adjacent substrate moist to maintain curing process within the mortar. Continue curing for 24-72 hours after installation.

RePoint and RePoint VE

RePoint is a single component, pointing mortar developed for historic structures (Type N and Type O formulations)



RePoint was developed to comply with the performance criteria of the National Park Service's Preservation Brief #2. Based on that criteria, RePoint adheres to a Type N or Type O formulation which constitutes Cement/Lime blends with aggregate. There are no additional additives or polymers in the formulations.



- Type O and N formulations
- Custom Colored (1 unit minimum)
- Single component, just add water
- No polymers or additives
- Developed for historic structures but can be used anywhere a Type O or N mortar is required

- Will not cause damage to structure by restricting moisture vapor flow
- Resistant to deicing salts, chloride, chemical attack and environmental pollution
- RePoint VE (Viscosity Enhanced) developed for grout bag installation, pumping without additional water



50 lb paper bags. 112 bags + (minimum bag order 112 units) for standard or custom colors.



50 lb plastic pail. No minimum order for standard or custom colors.

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RePoint and RePoint VE

Restoration professionals face a challenge when working on smaller “spot” pointing projects. If the preferred cement/lime formulation is available, minimum order quantities make waste a big factor in projects. Batching in the field comes with risk, and is labor intensive. RePoint can be installed in layers where required or can be applied full depth when needed.

Custom Color matching available



Consistent color regardless of batch size. Site mixes require full batches to be blended and excess is discarded. With RePoint you can mix only as much as you need, reseal the pail and store for future use.



TECHNICAL DATA

	Type O	Type N
Physical state and appearance	Dry powder with aggregate	Dry powder with aggregate
Base	Portland cement/Lime blend	Portland cement/Lime blend
pH	Wet Mix	>12
Aggregate type	Graded sand	Graded sand
Compressive strength at 28 days	ASTM C109	350-425 psi
Flow	ASTM C230	750-1000 psi
	110% +/- 5%	110% +/- 5%

Terracotta Repair

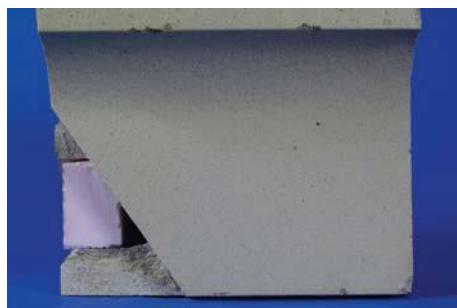
The repair of terra cotta is similar to composite repair techniques for stone. The clay body of the terra cotta (bisque) should be repaired with Matrix Superfine or Matrix TR, however, after finishing the repair, additional steps need to be undertaken to recreate the look of the terra cotta glaze. Achieving an aesthetically pleasing result requires the right materials, tools and excellent craftsmanship.

Achieving an aesthetically pleasing result requires the right materials, tools and excellent craftsmanship. Bisque repairs can be categorized as deep repairs (bisque spall greater than 3/16" - Matrix Superfine) or shallow repairs (glaze spall less than 3/16" Matrix TR). The method of repair can vary slightly depending on the category.

Bisque Spall Repair (greater than 3/16") – Matrix Superfine



STEP 1 – Select the color for patching the interior clay body (bisque) of the terra cotta unit. If the terra cotta unit has a fired glaze, then color selection of the bisque repair is not critical as the repairs will be coated with Conproco Terra Color in subsequent steps.



STEP 2 - Cut out the damaged area (minimum 1/2 inch deep for Matrix Superfine repairs) so that the area to be repaired will be a geometric shape. Be sure to have square cut shoulders and avoid feather edges for the repairs. Be sure **NOT** to fill any structural voids (webbing) in the terra cotta. In this case, foam insulation was used to prevent filling the cavity with the repair mortar.



STEP 3 - Apply the Matrix Superfine to the repair zone. Over build and allow to 'set' until thumbprint.



STEP 4 - Shave the Matrix Superfine with a mitre rod or edge of trowel to final form. Finish the repair to match the existing surface of terra cotta. In this case, the repair was finished smooth.



STEP 5 Apply Terra-Color matched to the primary color of the terra cotta. Shown above is Terra-Color, two 'pucks' and brushes to mockup the glaze repair. Several colors may be required to fully recreate the aesthetics of the glaze (Background, fleck and swirls).



Step 6 Apply Terra-Color matched to the accent (fleck/swirls) color(s) in the same pattern as the parent substrate. Allow to dry for a minimum of 12 hours. (Optional) Apply Terracotta Finish to the repaired area – Gloss or Matte options – to match the sheen and recreate a luster on the glaze repair.

Glazed Spall Repairs (less than 3/16") – Matrix TR

Glazed spall repairs should be attempted on damaged terracotta spalls of 3/16" or less. First inspect the glaze near the perimeter of the spall. Be sure it is still sound (well bonded) and free of biological growth. To minimize feathering, create a square shoulder for the spalled area where possible. Following the instructions on the data sheet, apply Matrix TR

(in 1/16" lifts if necessary) to repair the spall. The Matrix TR should be textured during finishing to match the existing terra cotta texture (Matrix TR can be finished with a sander). The Matrix TR can be color matched to the existing terra cotta bisque if desired. The repaired spall should be coated with Terra-Color and Terracotta Finish as described in Steps 5 and above).

Terracotta Repair

Proper substrate preparation is critical to any repair. The repair area should always be geometric in shape, square, rectangle or triangle. Attempting to blend a repair into the parent substrate to make it "invisible" will seldom produce satisfactory results. It is recommended to overlap the repair coating over existing parent terracotta to an architectural break point to create a watertight seal. Apply a test sample to determine adhesion test using ASTM D3359 Cross Hatch procedure.



Side view of terra cotta unit showing webbing



Examples of faux finish with Terra-Color and Terracotta finish

Materials Used

Matrix Superfine

Matrix Superfine is a single component repair mortar compatible with terracotta, natural stone and brick.

Matrix Superfine can be finished to multiple textures and can be sculpted to match simple and ornamental architectural terra cotta features. It is available in 23 standard colors and custom matching.

Matrix TR

Matrix TR is a two component repair mortar compatible with terracotta, natural stone and architectural concrete.

Matrix TR is used as a coating for thin/surface repairs and is available in 23 standards colors and custom matching. It is applied with a stiff bristle brush or sponge float and can be finished with a float or trowel to mimic existing textures.



50 lb plastic pail.
No minimum order
for standard or
custom colors.



1-gallon plastic
pail. Available in
matte or gloss
finish

Terra-Color

Terra-Color is a 100% acrylic waterproof coating to recreate the color and pattern (faux finish) of terra cotta before application of Terracotta Finish (optional).

It is used to create colored glaze finishes for brick and terra cotta repair. Terra-Color is UV stable, mildew resistant and formulated to resist harsh weather conditions. It is colorfast and comes in an extensive color spectrum including 38 standard colors and custom matching.



10 lb plastic pail.
No minimum order
for standard or
custom colors.



1-gallon plastic
pail. No minimum
order for standard
or custom colors.

Terracotta Finish

Terracotta Finish is a water-based non-yellowing acrylic used to replicate the finish of the original terracotta.

Apply over Terra-Color to match surrounding undamaged terra cotta. It is available in Gloss and Matte finishes and can be brush or roller applied.

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Injection Grout

A single component, cementitious crack Injection Grout/Adhesive for the repair of hairline to $\frac{3}{4}$ inch cracks in masonry and concrete.



Use Injection Grout on both Lateral and Transverse Cracks

Conproco Injection Grout/Adhesive technology combines inorganic materials with innovative chemistry to produce a versatile injection grout for natural stone, brick, stucco and concrete. Injection Grout is available in 11 standard colors.



Broken element



Broken element
adhered together

- Inorganic, non-polymer, cementitious base for compatibility with stone, masonry and concrete
- Easy to mix with low-speed drill (400-600 rpm)
- Gravity fed or low pressure injected
- Excellent adhesion
- Very low Shrinkage



30 lb plastic pail. Easy to batch down to use as a grout or an adhesive. Mixing ratios are listed on product data bulletin.

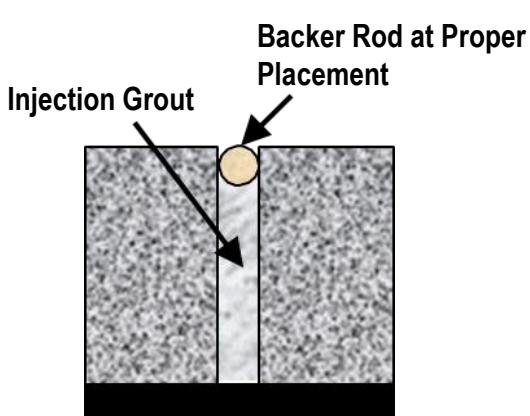
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Injection Grout



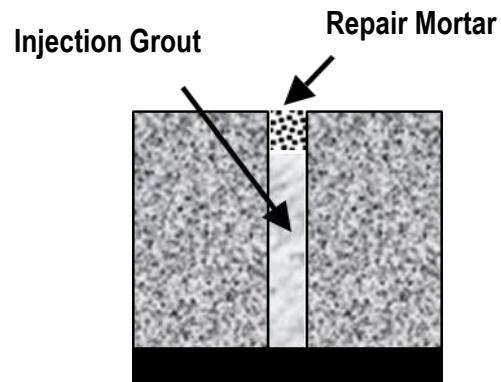
Crack monitoring (pictured above) should be performed prior to application to ensure repairs on static crack. Injection Grout is suitable for traditional built masonry (mass masonry walls) and is typically applied by gravity fed methods. Application tools will vary depending on size and scope of crack, but can include – non-staining clay, syringes (pictured above), taper tip bottles, modified bulk guns and low-pressure grout pumps (<30psi).

Optional repair technique for cracks wider than $\frac{3}{4}$ inch



Injection grout at regular consistency behind foam backer

The larger the crack, the more visible the repair will be. Where this is of concern, use the following techniques. First, place a foam backer rod into the crack to preserve a "1/2" space for the eventual placement of the repair mortar. Place the non-staining clay, sealant or caulking over the backer rod. Inject the grout into the ports as normal.



Remove backer rod and fill remaining depth, Matrix, Matrix Superfine or ISR CM repair mortar

Ensure that the grout fills the void created by the crack completely to the foam backer rod. Once Injection Grout has reached its initial cure, remove the "clay and/or backer rod". Place the stone repair mortar, over build slightly, and shave for final finish. This will provide the optimum color and texture match to the substrate.

Technical Data

Physical state and appearance	Gray Powder	
Viscosity	65-75 KU immediate lab	
Specific gravity (Wet)	1.8	
Volume ratio	1 part water/3 parts powder	
Weight Ratio	1 lb. water/2.3 lbs. powder	
	7 Days	28 Days
Compressive strength	ASTM C109	Less than or equal to 2800 psi
Tensile strength	ASTM C348	Greater than or equal to 475 psi

ISR CM

The concept of ISR CM is to closely match the repair mortar to the parent concrete to preserve the aesthetic appeal of the original structure.

By “disguising” the repair, the need and expense of coating is eliminated.



The ISR system of repair combines time proven field performance with the most extensive laboratory testing of any similar material. It is a trowel applied cementitious repair mortar; formulated to be compatible with the color and physical properties of parent material.

Available in 23 Standard Colors with custom coloring available



FEATURES & BENEFITS

- **Sustainable Green Technology:** Contains significant concentrations of both pre- and post-consumer recycled content
- **Breathability** - Allows Vapor Flow
- **Carvable** - Recreate Architectural Detail
- **Durable** - Excellent Freeze/Thaw Stability and Abrasion Resistant
- **Single Component** - Easy to Batch
- **Low Shrinkage** – maintains integrity of repair, resists cracking
- **Thermal Compatibility** – Prevents delamination due to temperature change
- **Dimensionally Stable** – Suitable for large areas



50 lb paper bags. 112 bags + (minimum bag order 112 units) for standard or custom colors.



50 lb plastic pail. No minimum order for standard or custom colors.

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ISR CM

The ISR system has been developed to address concrete repair recognizing not only the aesthetic benefits but also initial costs. ISR CM can be applied to a minimum of 3/4". When the repairs are greater than 3/4 inch deep, the nonpigmented mortars ISR V/O and ISR AG can be used to build out the deep repairs. The final 3/4 inch lift is finished using ISR CM colored to match the parent concrete. This completely compatible system of products ensures that the cost of concrete repairs is similar to other competitive repair mortars.



The ISR system was used to recreate missing panels.

Technical Data

Physical state and appearance	Dry powder with aggregate	
Base	Portland cement	
pH	>12	
Length change	ASTM C157	<500 ustrains @28 days
Slant Shear bond strength - epoxy	ASTM C882	1250 psi
Short-term bond strength	ICRI 03739*	400 psi
Freeze/thaw resistance - procedure A	ASTM C666	Weight gain (%) 0. Expansion (%) 0. Factor DF (%) 99.
Tensile Strength - psi	ASTM C307	530 @28 days
	7 days	
Compressive strength - psi	ASTM C39*	3110 3530
28 days		

*Data presented applies to non-pigmented base material where noted.

ECB

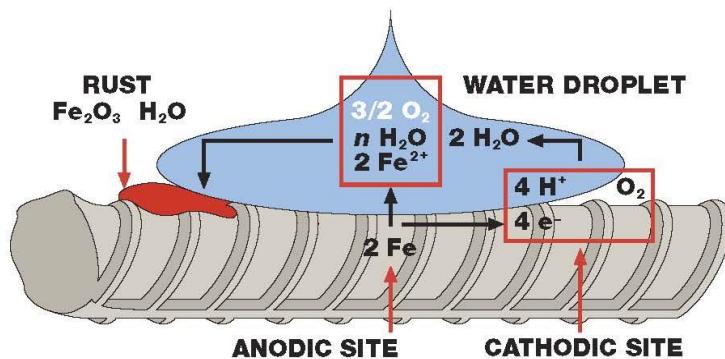
DEFINITION OF CORROSION ON REINFORCING STEEL

PROBLEM

The electrochemical deterioration of metal due to the reaction with its environment.

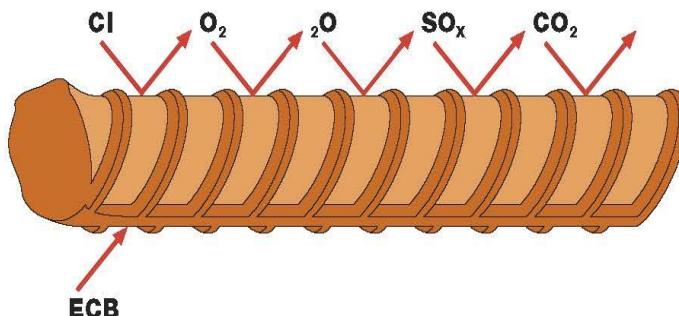
SOLUTION

ECB combats corrosion in using a unique, three-tiered system.



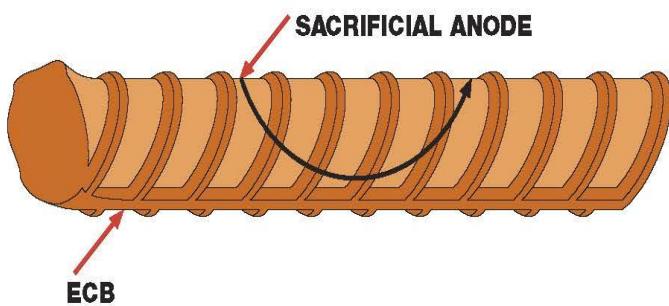
BARRIER

ECB forms an impervious membrane to protect rebar from water, chlorides, oxygen, and carbon dioxide. This function is similar to epoxy coatings.



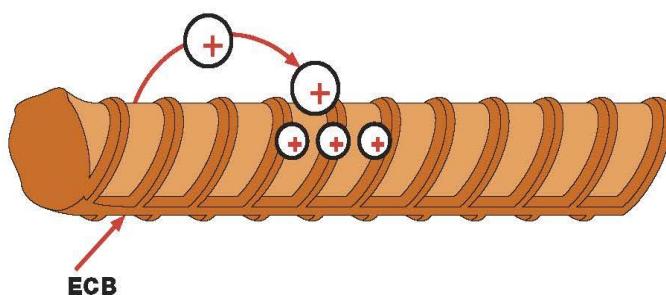
SACRIFICIAL

ECB provides passive cathodic protection which, if needed, donates electrons (sacrificial anode) to stop corrosion. This function is similar to zinc-rich primers.



CHEMICAL

ECB provides chemical protection that works concurrently with the passive cathodic protection. Ions produced during the sacrificial process migrate towards an establishing cathode. At the cathode they react and deposit a protective layer which obstructs further cathodic reactions, arresting corrosion. This function is similar to migratory inhibitors.



For more information on ECB request the full Technical Bulletin. Email customer support at orders@conproco.com

MATRIX, MATRIX Superfine, MATRIX TR, ISR CM, REPOINT MATCH FORM**1) Select Material** (For Terracotta repair, please use the Terracotta Match Form)

Matrix (\$125 per match) Matrix TR (\$125 per match) RePoint Type N (\$125 per match)
 Matrix Superfine (\$125 per match) ISR CM (\$125 per match) RePoint Type O (\$125 per match)
(Use Superfine where very smooth finishes are required.)

2) How will you finish the material at the jobsite? Texturing the sample correctly ensures a proper color match.

Smooth Shaved

3) Cleaning Substrate

If the building will be cleaned, clean your substrate. We do not clean substrates.

4) Mark Your Substrate

Mark the color to be matched with an "X".

5) Mail Us Your Substrate

Print this completed form, and send with your substrate to the location below:

Conproco
388 High Street
Somersworth, NH 03878

*Once we receive your substrate, we will contact you for credit card payment.

For Custom Colors, this form must be filled out and sent with substrate to Somersworth.

Minimum Size

4" X 4"

***Substrate will not be returned**

Questions? Call us at (800) 258-3500 or email us at orders@conproco.com

Job Name (Required)

Contractor or Specifier Firm Name (Required)

Ship to Street Address (No PO Boxes)

Ship to City, State and Zip

Whose attention should we ship to? (Name & Company)

Contact email address

Contact phone number

*** You will receive a 4 lb. powder sample and cured retain puck. (Matrix TR samples will be 2 lbs.) Allow 10 business days for matching. Finish mock-up in the same way indicated on this form to ensure match. Finishing affects color appearance. Cure mock-up for 3 days before evaluating.**

TERRACOTTA MATCH FORM**The Repair Process**

Composite terracotta repair requires several steps and products. We've outlined the common methods below. We recommend coating the bisque repairs to mimic the weathering properties of the original glaze. Do not leave terracotta bisque repairs uncoated. For custom terracotta repair options, contact your local Conproco representative.

Option 1**Step A.**

Repair bisque

Combine steps **A & B** by using a custom colored repair mortar for the bisque.

Matrix = $\frac{1}{2}$ " deep or more
Matrix TR = $\frac{1}{4}$ " or less

Option 2

Repair bisque using closest standard color of mortar.

Matrix = $\frac{1}{2}$ " deep or more
Matrix TR = $\frac{1}{4}$ " or less

Step B.

Recreate color of original glaze

Use custom colored **Terra-Color** acrylic coating to recreate the glaze color.

Step C.

Apply a clear coating to protect the repairs and replicate the glaze

Apply **Terracotta Finish** to complete step **C**.

*Available in either matte or gloss finish. Additional coats of gloss will increase shine.

Apply **Terracotta Finish** to complete step **C**.

*Available in either matte or gloss finish. Additional coats of gloss will increase shine.

*Option for flat finishes- Use Terra-Color as the sole coating. Skip step **C**.

1) Select Material

- Matrix Superfine custom** color (\$125 per match, you'll receive 4 lbs. of powder and a cured puck)
- Matrix Superfine standard** color (\$25, you'll receive 4 lbs. of powder)
- Matrix TR custom** color (\$125 per match, you'll receive 2 lbs. of powder)
- Matrix TR standard** color (\$25 per sample, you'll receive 2 lbs. of powder)
- Terra-Color** (\$25 per sample, you'll receive 1 pint) Multiple colors? How many colors to match? _____
- Terracotta Finish** in **Gloss** (\$25, you'll receive 1 pint)
- Terracotta Finish** in **Matte** (\$25, you'll receive 1 pint)

CUSTOM COLOR FORM

2) How will you finish the material at the jobsite? Texturing the sample correctly ensures a proper color match.

Smooth Shaved

3) Cleaning Substrate

If the building will be cleaned, clean your substrate. We do not clean substrates.

4) Mark Your Substrate

Mark the color to be matched with an "X".

5) Mail Us Your Substrate

Print this completed form, and send with your substrate to:

Conproco
388 High St
Somersworth, NH 03878

*Once we receive your substrate, we will contact you for credit card payment.

Minimum Size

4" X 4"

Be sure the sample has enough colored glaze left to match.

***Substrate will not be returned**

For Custom Colors, this form must be filled out and sent with substrate to Somersworth.

Job Name (Required)

Contractor or Specifier Firm Name (Required)

Ship to Street Address (No PO Boxes)

Ship to City, State and Zip

Whose attention should we ship to? (Name & Company)

Contact email address

Contact phone number

Allow 10 business days for matching. Finish mock-up in the same way indicated on this form to ensure match. Finishing affects color appearance. Cure mock-up for 3 days before evaluating.

Questions? call us at (800) 258-3500 or email us at orders@conproco.com

Comparison Chart

Comparison Chart			
	Conpro	Cathedral Stone	Edison
Consolidant	Conpro Start	None	System 95W
Anti-corrosion Coating	ECB	None	System 49 CPBA
Injection Grout	Injection Grout	Jahn M30	Pump-x 53
		Jahn M40	Pump-x 53i
Masonry Adhesive	Injection Grout	MasonRE Adhesive	Pump-x 53i
Stucco	Structural Skin (<1/4)	Jahn M60	None
	One Coat (>1/4)		None
Concrete Patching Mortar - (No color match)	Conpro Set	None	None
	Quickshot	None	None
	Forment	None	None
	ISR V/O	None	None
Form repairs and place in molds - (for natural and cast stone, terracotta, and brick)	Matrix VE	None	None
Concrete/Precast Patching Mortar - Color Matched	ISR CM	Jahn M90	System 44
Stone Patching Mortar	Matrix	Jahn M70	System 45
		Jahn M160	
	Matrix Superfine	Jahn M100	
		Jahn M120	
Thin Repair	Matrix TR	None	Thin Fill 55
Pointing Mortar	RePoint	Jahn M110	Spec Joint 46
Water Repellent	Conpro Shield MX	Guardian Water Repellent	Silan-Treat 88C
Mineral Stain	M3P	Potassium Silicate Coating	EverKote 300
Mineral silicate diluent- Clear	M3P-X	None	None
Mineral silicate Hybrid	M3P Overcoat	None	None
Terra Cotta Repair Coating - Opaque	Terra Color	None	Aquathane UA-210
Terra Cotta Repair Coating - Clear	TerraCotta Finish	Terra Cotta Coating Glaze	None