

FIELDS OF APPLICATION

EcoForte Consolidator is an excellent interior/exterior high penetration consolidator and isolating primer, increasing adhesion as well as providing uniform absorption on porous surfaces such as virgin stucco and drywall. It is designed to penetrate deeply into porous surfaces creating a uniform absorbent surface that is ideal for applications of mineral paints and plasters. Uneven porous surfaces can cause premature drying of the mineral paints and plasters in some areas thus resulting in discoloration and sheen. EcoForte Consolidator works as a fixative or bonding agent because it equalizes absorption allowing binder content naturally found in mineral paints and plasters to remain consistent in concentration during curing. As an isolator EcoForte Consolidator can help prevent reactions from calcium hydroxide and salt nitrates present in portland cement, as well as reducing efflorescence effects that can occur on finished exterior stucco finishes.

Product can be applied to any type of porous material such as concrete block, reinforced concrete, portland stucco, MGO board, drywall, chalky paints, all types of plasters, and lime paints.

EcoForte Consolidator is a required primer/sealer before application of any type of potassium silicate paint or slaked lime paint and plaster on virgin portland cement masonry surfaces.

PRODUCT FEATURES

EcoForte Consolidator is a weather resistant, permeable/ breathable, sealer required for all virgin portland cement masonry surfaces as well as virgin drywall/ gypsum board that have never been painted. Product is also ideal as a uniforming/ penetrating sealer for porous materials, such as low-fired brick, portland cement block, poured cement walls, and chalking surfaces. It provides excellent anchoring power on smooth and rough surfaces. Product has a medium pH and serves as a layer to uniform absorption on porous surfaces, increasing the adherence and absorption of primers and paints.

EcoForte Consolidator is based on a zero odor, micro particle emulsion water based formula, permitting deep penetration into porous surfaces. EcoForte Consolidator is category ECO which means Eco-Sustainable containing at least 75% natural raw materials, and the other 25% inert binders and non-toxic chemicals.

TYPE OF PRODUCT

Consolidator and binder assist with organic stabilizers.

SHEEN FINISH

Clear/Flat

COLOR

Transparent Base. Product can be tinted slightly to indicate coverage areas painted.

TECHNICAL DATA

CRITERIA	INT. STANDARD	VALUE	UNIT
VOC (not including tint pigments)	2004/42/CE Primer (cat. A/h), Max. Value 30g/ltr (2010)	3.00	g/l
Water Absorption Coefficient	EN 1062-3 - DIN 52617	0.07	kg/(m ² •√h)
pH Value	DIN 19266	7 - 8	-
Application on Damp Cement	UNI EN 13300	Ideal	-
Application Quality	UNI 10794	Good	-
Hide and Cover Capacity	ISO 6504-3 M.U. 1631 (RC 100 µm humid)	-	-
Resistance to Mold	DIN 19266	Product not ideal to mold and algae resistance for exterior application	
Alkaline Resistance	UNI 10795	Extremely High	
Specific Weight (23° C)	EN ISO 2811-2	1.00	g/ml
Granulation	DIN 19643 - EN 21524	-	-
Gloss Level	UNI EN ISO 2813	-	-
Reaction to Fire	EN 13501-1:2002	-	-
Toxicity	EN 13501-1:2002	Non-Toxic	-
APEO (Alkyl Phenol Ethoxylates)	-	0%	-
PEG (Polyethylene Glycol)	-	0%	-
PG (Propylene Glycol)	-	0%	-
Formaldehyde	-	0%	-
Biocides	-	0%	-

Does not contain chemicals that can aggravate or cause asthma, see NIH Asthma Report 2012.



APPLICATION CYCLE INSTRUCTIONS

BRUSH, ROLLER & SPRAYER APPLICATIONS

1ST COAT: Dilute EcoForte Consolidator with 100% water, or 10 liters of water per one (1) 10 liter bucket.

INTERIOR DRYWALL: Apply one (1) coat of EcoForte Consolidator to properly prepared and reasonably dust free surface, applying a uniform coverage on all surfaces. SEE DETAILED INSTRUCTIONS BELOW FOR APPLICATION CYCLES.

NEW CEMENT STUCCO: Apply one (1) coat of EcoForte Consolidator to properly cured cement base, applying a uniform coverage on all surfaces. SEE DETAILED INSTRUCTIONS BELOW FOR APPLICATION CYCLES.

CHALKY SURFACES: Pressure wash all chalky surfaces thoroughly, and allow surface to be completely dry before applying EcoForte Consolidator. Apply one (1) coat of EcoForte Consolidator carefully applying an even and uniform application. SEE DETAILED INSTRUCTIONS BELOW FOR APPLICATION CYCLES.

COASTAL AREAS: For new or old surface areas with exposed risk to salt penetration such as coastal areas, it is required to neutralize the salt content in the surface finish. It is recommended to apply white vinegar or diluted muriatic acid immediately after an initial pressure washing (while wall surface areas are still damp), allowing the acid or vinegar to penetrate for at least 3 – 5 minutes, then thoroughly re-wash all treated areas with clean water. Allow surfaces to completely dry. Apply EcoForte Consolidator directly onto dried surface with a brush, roller or sprayer, carefully covering all surfaces. Allow to dry for at least 8 – 12 hours before applying BioGrip Primer Micro or Medium.

2ND COAT: For virgin drywall where tape joints or screw holes have been patched with drywall plaster or mud, apply a second coat on these surfaces, wet on damp, or within two (2) hours of first application of EcoForte Consolidator on all non-paper surfaces.

A second coat is not required on most surfaces unless an unsatisfactory 1st coat application was not performed correctly. Spot paint as necessary to cover any missed sections. Allow to dry for at least 8 – 12 hours before applying BioGrip

CAUTION: Avoid excessive coverage and waste of product by over priming or under diluting EcoForte Consolidator. Product should not create a sheen on surfaces when dried. This product is extremely effective as long as a solid and even coverage has been applied. Do not continue to over saturate surfaces with excessive quantities of product.

SPRAY TIP USAGE: EcoForte Consolidator may be applied using an airless sprayer. Apply paint product with a # 0.019 – 0.021 mm size spray tip. Always use new spray tips for starting a paint job for best results. This will also conserve the amount of paint necessary to complete the job.

GRAIN SIZE: 0.0 mm

MIXING PAINT & WATER

Most of our paint formulas are concentrated and require water to be added to them for proper use. This process means we can offer more coverage in an economical package that decreases your cost for transport and carbon footprint, helping the your pocket book and the environment.

Mix consolidator and water with an electric drill and paint paddle, or mix well by hand!

TOOLS

Apply with brush, roller or with the appropriate sprayer and sprayer tip. New sprayer tips should be used to prevent product waste and provided for a more even finish.

TOOL CLEANING

Brush, roller, rags, or sponges should be cleaned immediately after use with water and a mild detergent or dish soap.

DRYING TIME

Allow a drying time of 8 – 12 hours before proceeding with BioGrip Primer Micro or Medium, BioCalce Classico or BioCalce A, BioDomus I & II, TerraMare Grip, TerraMare I or TerraMare Quarzit. With lower temperature and humidity, more time may be needed.

Do not apply EcoForte Consolidator on the exterior if there is a risk of thunderstorms or showers during the 8 hour drying time needed for product to dry correctly.

CONSUMPTION/COVERAGE

Approximately 1,000 ft² / 93 mt² to 2,000 ft² / 186 mt² per 10 liter bucket. Determine exact consumption by performing a test on the surface to be treated.

PACKAGING

Plastic buckets of 1, 5, and 10 liters.

APPLICATION CYCLES ON DIFFERENT TYPES OF SURFACES

Make sure base is solid, dry and well cleaned, prepared with skill. It is recommended to observe the rule VOB DIN 18 363, Part C, paragraph 3.

NEW CEMENT STUCCOS

INTERIOR / EXTERIOR: New portland cement stucco should not be painted for about 21 – 28 days to ensure proper curing, anchoring and drying.

PRE-PRIMER COATS: For best results apply Potassium Silicate Concentrate, diluted 100% with water, o (1:1), or 10 liters of water per one (1) 10 liter bucket as a pre-primer, on all new cement surfaces, applying 2 – 3 coats in rapid succession, wet on wet, until substrate has arrived at full absorption, and allow to dry for at least 2 – 3 days; or apply 1 coat of EcoForte Consolidator and allow to dry for at least 8 – 12 hours. Apply 1 coat of BioGrip Micro or Medium primer according to GENERAL APPLICATION INSTRUCTIONS, and then apply 1 – 2 coats of subsequent finish products as directed.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for stucco or plasters per respective TDS.

If using a NHL 3.5 or 5.0 cement this application process is not required. These types of natural cements permit mineral paints and plasters to be applied to them without the use of consolidators or primers.

CAUTION! New portland cement stuccos should be tested for pH using Phenolphthalein, also sold as an "alkalinity test kit". This product should be spot tested on all new portland cement stucco prior to the application of any type of finish, paint or stucco product. Concrete has a naturally high pH due to the calcium hydroxide formed when portland cement reacts with water. As the concrete reacts with carbon dioxide in the atmosphere, pH decreases to 8.5 – 10.5. When a 1% phenolphthalein solution is applied to uncured concrete, it turns bright pink/purple; if it remains colorless, it shows that the concrete has undergone correct surface carbonation. When the test indicates bright pink or purple, this indicates that no paint or plaster product of any type should be applied to the concrete until surface carbonation has been completed, which usually occurs after 21 – 28 days after final installation.

SYNTHETIC STUCCO

Not applicable for this type of surface finish.

NEW DRYWALL/GYPSUM BOARD STUCCO OR PLASTER APPLICATIONS

GREY BOARD

PRE-PRIMER: For virgin, unpainted drywall, where tape joints or screw holes that have been patched with drywall plaster or mud, apply one (1) coat of EcoForte Consolidator as a 1st coat on all surfaces. Apply a 2nd coat wet on damp, or within two (2) hours of first application of EcoForte Consolidator on all non-paper surfaces.

A second coat is not required on paper surfaces unless an unsatisfactory 1st coat application was not performed correctly. Spot paint as necessary to cover any missed sections. Allow to dry for at least 8 – 12 hours.

PRIMER COAT: Apply one (1) coat of BioGrip Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for stucco or plasters per respective TDS.



BLUE BOARD/GREEN BOARD

PRE-PRIMER: Due to the manufacturing processes for these types of drywalls, EcoForte Consolidator is not effective when applied to the paper surfaces of these types of building materials. To properly consolidate these types of surfaces, apply BioDomus Superflat as a consolidating primer on all blue-board surfaces, and EcoDomus Matte on all green-board surfaces, with one (1) coat, applied according to instructions. Allow to dry for eight (8) hours.

PRIMER COAT: Apply one (1) coat of BioGrip Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for stucco or plasters per respective TDS.

CHALKY PAINTED WALLS

INTERIOR / EXTERIOR: Old acrylic or tempera paint, chalked, lose, dirty and/or contaminated surfaces should be pressure washed or cleaned prior to commencing painting.

PRE-WASHING: All lose, peeling, or chalky paint, or surfaces with algae or mold, should be removed manually or by mechanical means, i.e., with a high-pressure washer. For surfaces with algae or mold, apply 1 coat of EcoDis Detergent on the dried surface and allow to dry for at least 12 hours.

PRE-PRIMER COAT: Apply 1 coat of EcoForte Consolidator according to GENERAL APPLICATION INSTRUCTIONS. Allow to dry for at least 8 - 12 hours.

PRIMER COAT: FINISH COATS: Apply one (1) coat of BioGrip Micro or Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

If an acrylic paint surface has a flat sheen and pressure washing has removed the defective surface materials, EcoForte Consolidator can be applied to a dry, clean, prepared surface. If the acrylic surface has a sheen, do not attempt to consolidate these types of painted surfaces with EcoForte Consolidator. Follow with a BioGrip Micro or Medium primer application instead.

MINERAL OR LIME PAINTS

INTERIOR / EXTERIOR: Old, deteriorated painted surfaces should be cleaned well and verify that they are well anchored. Pressure wash all lime paint or mineral painted surfaces thoroughly, and allow surface to be completely dry before applying EcoForte Consolidator.

PRE-WASHING: Existing painted surfaces that are no longer well anchored should be properly cleaned. For loose, deteriorated, or non-adhering mineral or lime paints, scrape away all loose material, and when possible follow up using a pressure washer, cleaning all painted surfaces as best possible. Allow surfaces to completely dry.

PRE-PRIMER: Apply one (1) coat of EcoForte Consolidator or Potassium Silicate Concentrate, as per GENERAL APPLICATION INSTRUCTIONS. Allow to dry for 8 - 12 hours.

PRIMER: Apply one (1) coat of BioGrip Micro or Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

BRICK SURFACES

DAMAGED BRICK / INTERIOR / EXTERIOR: Extremely weathered 'spalled' brick, deteriorating brick, or deteriorating brick mortar will usually indicate the presence of water absorption into mortar joints or brick surfaces that become damaged during freeze/thaw conditions in fall and spring. Low-fire brick usually will chalk when rubbing your finger across the surface, easily chip, be fragile and be overly porous. Both of these conditions require special attention to substrate repairs prior to any type of painting or stucco application. Such substrates will need to be consolidated using pure Potassium Silicate diluted according to instructions to stabilize and reinforce the molecular composition of the substrate. In very severe conditions, replacement of damaged brick and the necessity of brick joint tucking will be required in addition to substrate consolidation. Only once the substrate has been remedied can EcoDomus Consolidator be applied to the brick surface to enhance the performance and adhesion of a primer coat of BioGrip Micro or Medium primer.

PRE-PRIMER COATS: In such cases apply Potassium Silicate Concentrate, diluted 100% with water (1:1) on all damaged surfaces, applying wet on wet, applying 2 - 3 coats in rapid succession, until substrate has arrived at full absorption, and allow to dry for at least 3 days. At the end of the 3 day curing of the Potassium Silicate Concentrate, verify that the brick has consolidated correctly. Test treated brick surface for slight powder or chalking, rubbing gently with a clean rag to verify correct absorption and consolidation. If any residue occurs, apply 1 coat EcoForte Consolidator according to GENERAL APPLICATION INSTRUCTIONS allow to dry for at least 8 - 12 hours.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

In worse case scenarios to prevent long term water absorption into brick surfaces after repairs, will require the application of a hydro-repellent sealer and paint such as TerraMare Sealer, Grip, and TerraMare I. TerraMare line products are potassium silicate paints containing silossanic (silica), which will increase performance to protect damaged bricks affected by moisture.

BRICK / COASTAL AREAS: In many cases, brick and stucco materials, because of their absorbency to moisture, can collect salt residues which can have adverse effects for the applications of any type of paint or masonry products. Proper cleaning is essential to try to obtain a neutral base so that the presence of salt does not create detrimental effects to applied finishes.

PRE-WASHING: Wash surfaces with a pressure washer thoroughly all brick surfaces, then apply white vinegar or diluted muriatic acid for 3 - 5 minutes, then wash off carefully with clean water all treated surfaces. Allow to thoroughly dry before proceeding with subsequent product applications of BioGrip Micro.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

NON ABSORBENT OR EXTRUDED BRICK: For brick that is nonabsorbent, such as red common brick, glazed brick, or any smooth brick that has a slight sheen, and has been pressure extruded or fired at extremely high temperatures, it will not absorb water as a general rule. Testing can be performed by wetting a brick area with a water hose to determine if water absorbs immediately within 1 - 2 minutes, leaving no trace of water sitting on the surface. Positive absorption indicates no need to apply a BioGrip primer. If water sits on the surface after wetting and water has not absorbed, then BioGrip Medium should be used as a primer in such cases.

Testing for Absorption: Spray brick surface heavily with water for a couple of minutes to determine if water absorbs rapidly into brick. Brick surfaces will appear to be dry if the brick is absorbent. If after spraying water onto the brick and the brick remains wet, or has not rapidly absorbed water into the surface, then this indicates that BioGrip Micro or Medium will be required as a primer before proceeding with mineral paints.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium primers according to GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

ABSORBENT / INTEGRAL BRICK / INTERIOR / EXTERIOR: For absorbent, unpainted, integral brick, pre-primers or primers are not required in the application of BioDomus I or II. Applicators can apply BioDomus I or II directly to brick facade following instructions as indicated in GENERAL APPLICATION INSTRUCTIONS. Always thoroughly wet brick surfaces with water prior to applying the first (1st) coat of BioGrip Micro or Medium primer or BioDomus I or II. This will assist in creating greater penetration into the brick surface. This applies only to the first coat paint application.

PRE-PRIMER COATS: None

PRIMER COAT: None

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.



REINFORCED CONCRETE SURFACES

INTERIOR / EXTERIOR: New cement surfaces should not be painted for about 28 days to ensure proper curing and drying. Follow instructions as indicated above for new cement stuccos. In many cases it may be recommended to apply TerraMare line products for 'Best Use' application of paint on exterior reinforced concrete surfaces.

PRE-PRIMER COATS: For exterior surfaces it is recommended to apply one (1) coat of Potassium Silicate Concentrate diluted 100% with water, or 10 liters per one (1) 10 liter bucket, applying wet on wet, applying 2 – 3 coats in rapid succession until concrete has completely and evenly absorbed the Potassium Silicate Concentrate into surface. Apply Potassium Silicate Concentrate with a brush, roller, or sprayer and allow to dry for 2 – 3 days; or as an alternative for interior surfaces apply one (1) coat EcoForte Consolidator with brush, roller or sprayer diluted 100% with water, or 10 liters of water per one (1) 10 liter bucket as a pre-primer, and allow to dry for at least 8 – 12 hours.

PRIMER COAT: Apply at least one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

CMU/CONCRETE BLOCK

INTERIOR / EXTERIOR: Unpainted CMU, new or old (with chalking surfaces), or with moss or algae, can prevent the proper anchoring of the base coatings, must be pressure washed and properly prepared prior to applications of pre-primers or primers. CMU affected by algae or mold should be treated with EcoDis after pressure washing. These instructions are based on unpainted CMU.

PRE-PRIMER COATS: For old unpainted CMU apply Potassium Silicate Concentrate diluted 100% with water (1:1) on all damaged surfaces, or 10 liters of water to one (1) 10 liter bucket, applying wet on wet, applying 2 – 3 coats in rapid succession, until substrate has arrived at full absorption, and allow to dry for at least 2 – 3 days. For newer CMU, acrylic-free painted surfaces, apply one (1) coat EcoForte Consolidator diluted 100% with water, or 10 liters to one (1) 10 liter bucket, and allow to dry for at least 8 – 12 hours.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Apply at least two (2) coats of subsequent finish products of mineral paint, stucco, or plaster. For severe cases of deterioration, follow guidelines as indicated in BRICK SURFACES, taking into consideration the repair and replacement of damaged concrete or mortar as required, prior to painting.

DECAYING OR CRUMBLING STUCCOS OR POWDERY SURFACES

INTERIOR / EXTERIOR: Chalking cement or stucco surfaces, which could prevent the proper anchoring of the base coating must have damaged and chalky portions be removed by pressure washing and scraping.

PRE-PRIMER COATS: For unpainted stuccos apply Potassium Silicate Concentrate diluted 100% with water (1:1) on all damaged surfaces, or 10 liters of water to one (1) 10 liter bucket, applying wet on wet, applying 2 – 3 coats in rapid succession, until substrate has arrived at full absorption, and allow to dry for at least 2 – 3 days. For old acrylic-free painted stuccos, apply one (1) coat EcoForte Consolidator diluted 100% with water, or 10 liters to one (1) 10 liter bucket, and allow to dry for at least 8 – 12 hours.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Apply one (1) – two (2) coats of subsequent finish products of mineral paint, stucco, or plaster. For severe cases of deterioration, follow guidelines as indicated in BRICK SURFACES, taking into consideration the repair and replacement of damaged stucco in its entirety. Cement stuccos existing prior to 1940 are probably made of NHL 3.5 or 5.0 (Natural Hydrated Lime Cement) and careful inspection and attention needs to be taken to ensure proper replacement and repairs. At all costs, avoid using portland based cements for restoration or repairs on NHL cements.

SURFACES WITH EFFLORESCENCE

INTERIOR / EXTERIOR: Cement surfaces showing efflorescence should be aggressively cleaned with a high pressure washer, and then the efflorescence should be treated using a diluted muriatic acid, 1 part muriatic acid and 6 – 7 parts water, and allow to react for 3 – 5 minutes. Thoroughly rinse treated areas with water.

PRE-PRIMER COATS: Apply Potassium Silicate Concentrate diluted 100% with water (1:1), or 10 liters to one (1) 10 liter bucket, on all damaged surfaces and allow to dry for at least 12 – 24 hours; or apply one (1) coat of EcoForte Consolidator diluted 100% with water, or 10 liters to one (1) 10 liter bucket, and allow to dry for at least 8 – 12 hours. This application applies only to unpainted, or mineral painted surfaces only.

PRIMER COAT: Apply one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

For coatings on surfaces damaged by the saltpeter or efflorescence no guarantees can be provided.

AGED CEMENT STUCCOS

INTERIOR / EXTERIOR: Dirty and/or contaminated surfaces should be treated as a priority prior to any interventions of replacing or repairing stucco. All surfaces should be cleaned and any attached algae removed manually or by mechanical means, i.e., with a high-pressure washer. Stucco affected by algae or mold should be treated with EcoDis after pressure washing. These instructions are based on unpainted portland based type cement stuccos.

PRE-PRIMER COAT / WHITE & TRANSPARENT BASES: When new stucco repairs are performed on older (non-painted) cement stuccos, complete all removal of damaged stucco, rinse surfaces of dust, and apply EcoForte Consolidator to older surfaces prior to applying new cement stucco or make repairs. Pre-prime existing surfaces applying one (1) coat of EcoForte Consolidator diluted 100% with water, or 10 liters to one (1) 10 liter bucket, and allow to dry for at least 8 – 12 hours.

PRE-PRIMER COAT / REPAIRS: Allow new cement repairs to fully dry and cure according to instructions indicated under section; NEW CEMENT STUCCOS. Apply EcoForte Consolidator diluted as indicated onto any new stucco repairs and allow to dry for at least 8 – 12 hours.

PRIMER COAT / INTERIOR / EXTERIOR: Apply one (1) coat of BioGrip Micro or Medium primer as indicated in GENERAL APPLICATION INSTRUCTIONS. Where repairs require the application of BioCement 1.0 GF, it is suggested to use BioGrip Medium primer.

FINISH COATS: Follow application instructions for mineral paints, stucco, or plasters per respective TDS.

STUCCO REPAIRS

See Aged CEMENT STUCCOS above.

STORAGE

Store in a cool, dry location protected from frost or excessive heat. Close the open containers with care. Store liquids only in plastic.

WARNING!

Do not apply any products in direct exposure to strong/hot sunlight, rain, high humidity (mist) or in the presence of strong wind. Beware of the danger of frost overnight. If applied by roller or sprayer, protect surrounding surfaces as necessary. Protect eyes and skin from splashes of paint. Cover glass, ceramic, natural stone, brick, metal, wood, painted surfaces and glazed tiles. Clean affected areas immediately with water. Prominent elements of the building (cornices, parapets, etc.,) should be treated with skill, covering flashings, gutters, copper coatings, etc. ...

Do not work in air temperature lower than 8°C / 46°F and not above 32°C / 90°F. Clean work tools with water immediately after use. Keep out of reach of children. In case of contact with eyes and skin, wash immediately with plenty of water. In cases of consumption, consult a doctor or call the CDC Poison Center (see Safety Data Sheet).

If you scrape, sand or remove old paint from any surface, you may release



lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Keep out of reach of children.

PRODUCT LIMITATIONS

Only dilute the amount of paint material required to paint surface area as needed. Unopened, unused, and undiluted Consolidators or Domus Mineral Paints can be stored in their original container for an extended time period. Once the product has been removed from its container and is diluted, the diluted material cannot be stored for extended time periods without the risk of forming mold. Undiluted paint material can be stored as long as the remnant is repackaged and stored in a completely filled plastic container of product. For best results turn container upside down to help prevent air to enter into the bucket via the paint can lid causing spoilage or premature drying. After water has been added for dilution, ROMABIO cannot guarantee the shelf life of the product.

WATER CONTAMINATION HAZARD

CLASS 1

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is classified as a non-hazardous material.

PRODUCT CONTAMINATION HAZARD

CODE CER / NORMATIVE EAC / Decision commuted by the Commission n. 2000/532/CE

NOT DANGEROUS

The directive 75/442/CEE, 08 01 production, disposal, formulation, supply, use, and removal of paints and varnishes: 10 13 04 for removal of paints and varnishes; 10 13 04 disposal of lime and hydrated lime products.

DISPOSAL

Do not enter product in its original concentration into drains or open waters. Do not store at public waste disposal sites. In case of conduction into adapted biological purification plants no disturbances need be expected. The preparation has been estimated by conventional method (calculated-procedure) of EG directive 1999/45/EG and is classified as non-hazardous for the environment.

Dispose according to local regulations. Empty cans should be disposed of according to local regulations; plastic buckets are 100% PP, no. 5, approved for food storage; 100% recyclable if cleaned thoroughly prior to recycling.

ADDITIONAL INFORMATION

WARNING: This Technical Sheet lists data collected on the basis of technique and experience. Given the multiplicity of use of the product they cannot be binding and the user cannot refrain from using common sense and experience for the individual case. This information shall not constitute any legal obligation and no obligation from the seller or point of purchase, or any agreements inferred by employees who sale this product. Insurance or guarantees issued by our employees or employees should always be confirmed separately in writing. Any information about product adaptability and use of the product, must be verified by user prior to purchase. Check the exact consumption of product for the surface where product may be applied to determine amount of products needed. **The color matching for all products must be verified by the user before starting work. No corrections, substitutes or reimbursements can be provided after products have been installed or applied on surfaces.**

MANUFACTURER

ZETACOLOR SRL, Via Pistoiese 323, 50058 San Angelo a Lecore, FI, Italia

