

UNIVERSAL ADHESIVE • L'ADHÉSIF UNIVERSEL

# WELDBOND®

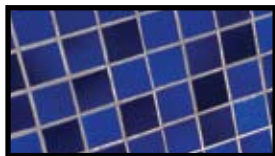
**NON-TOXIC\* • NON TOXIQUE\***

## Product Guide

for General & Specific Applications

### FOR GLUING

Porous & Non-Porous surfaces,  
Wood, Tile, Foam, China, Glass,  
Leather & much more



### AS A BONDING AGENT

Concrete, Plaster, Brick,  
Marble, Stone



### FOR SEALING & PRIMING

Drywall, Concrete, Brick, Masonry,  
Plaster



**Environmentally Safe**



CCD 046  
ADHESIVES GENERAL PURPOSE  
ADHÉSIF TOUT USAGE

\*As defined in the Federal Hazardous Substances Act

## FREE! TAKE ONE

• **GENERAL INFORMATION** •

Weldbond® is a universal bonding adhesive for glass, wood, plaster, metals, slates, tiles, building panels, boards and blocks, cement, bricks, concrete, linoleum, fabrics and more.

Weldbond® contains no animal ingredients or harmful chemicals. It is non-toxic\*, nonflammable, free of fumes and environmentally friendly!

It carries the EcoLogo™ seal of approval – proving that it is created without the use of formaldehyde, toxic metals or excessive VOCs.

Weldbond® appears white in the container, but dries to a clear film. It is water resistant but not waterproof, impervious to gasoline, oil, grease, salt, molds and fungi, weak alkalies and weak acids. It is non-staining and will not become brittle with age. **It creates a flexible bond.**

Weldbond® is concentrated and can be thinned with clean water only. It is ready for use, it does not require heating or mixing.

**SURFACE PREPARATIONS BEFORE APPLICATION**

Ensure all surfaces to which Weldbond® is to be applied are clean and free from ridges that would prevent 100% contact. Remove all loose particles. All oil, grease and dirt must be removed. Steel surfaces should be given a coat of Rust Inhibiting Primer Paint before using Weldbond®. Porous surfaces must be sealed with 1 part Weldbond® to 5 parts water. Porous surfaces can be determined by dropping a small amount of water on surface. If water is readily absorbed, surface is porous. If water beads on the surface, it is not porous. Check for warping of material and use clamping where warping is evident. **NOTE:** The sealing mixture of 1 Weldbond® to 5 water should not be used where water alone would have an adverse effect, i.e. on water soluble fillers.

**Bonding Porous Surfaces (i.e. China, Pottery, Ceramics):** First seal both surfaces as above. Allow to dry (approx. 1 hr.) then spread thin film of Weldbond® over both surfaces and clamp tightly or tape until fully cured.

**Bonding Porous to Non-Porous Materials (i.e. Wood to Metal):** Spread thin film on both surfaces. Leave open for 1 to 2 minutes to become tacky and slightly transparent, then squeeze both surfaces together with slight turning motion. The longer it is left to cure, the stronger the bond. Weldbond® cures by evaporation. When fully cured the bond is clear (transparent).

**Bonding Non-Porous Materials (i.e. Glass to Glass):** Spread thin film on both surfaces. Leave open for 2 to 3 minutes, then squeeze surfaces together with a slight turning motion. The longer it is left to cure, the stronger the bond. When cured the bond is clear. Higher temperature and lower humidity speeds curing.

Weldbond® can be applied with a brush, roller, sponge, spray gun, or soft broom. Rinse tools thoroughly with clean water after use. Using Weldbond® as an additive will improve moisture resistance and reduce porosity in concrete/cement mixes/grouts and plasters.

**ECONOMY:** Concentrated Weldbond® provides substantially more coverage than other adhesives if used appropriately and dilutes for further economy. Weldbond® can be diluted with up to 25% water to make a lower cost glue suitable for applications such as dense wood and glass to glass. Even this diluted mixture creates an exceptional bond.

**COVERAGE:** Listings are approximate and are to be used as a general guide.

Weldbond® undiluted	400 / 500 sq. ft. per gal
Weldbond® diluted with 5 parts water	1,400 sq. ft. per gal
As a slurry**	270 sq. ft. per gal

**ADHESIVE MIX:** For bonding a rough and uneven surface, mix 1 part Weldbond®, 1 part water and 5 parts filler (plaster, tile grout, mortar mix or sand mix cement).

**CURE TIME:** Weldbond® becomes tacky quickly and will dry within the hour on porous surfaces. Provides a strong bond within 24 hours and tremendous strength within a few days. The sealing mixture of 5 parts water to 1 part concentrated Weldbond® dries in approximately 1 hour.

**WORKING TEMPERATURE:** For maximum performance use at temperatures above 50°F / 10°C and on surfaces below 200°F / 92°C.

\* As defined in the Federal Hazardous Substances Act.

\*\* slurry means adding plaster or cement to Weldbond® to form paste.

**WELDBOND® PHYSICAL CHARACTERISTICS:**

Solids Content	51 – 53 %	Colour Wet	White
Viscosity	10,500 – 12,000 CPS	Colour Dry	Clear
PH	4.5 – 5.5	Film:	
Particle Size	Medium, Average 1.5u	-Flexibility	Flexible
Particle Charge	Nonionic	-Water Resistance	Good
Specific Gravity	1.095	-Appearance	Slightly Hazy
Residual Monomer	0.5% Maximum	U.V. Resistance	Very Good
Odour	Slight, Characteristic	G.T. (Glass Transitional) Spec is 5+	

**EXCEPTIONS:** Some types of plastic, rubber and cast metals will not produce a bond with Weldbond®, i.e. polyethylene, unbacked vinyl, P.V.C., Teflon®, polypropylene, vinyl to vinyl, cast iron, cast aluminum. Weldbond® is not intended for marine applications. It is not recommended for use on exposed exterior surfaces. Garage interiors are acceptable. **NOTE:** Do not use when bonding containers designed for use with, or subject to, hot liquids.

**WELDBOND® STORAGE:** DO NOT ALLOW TO FREEZE. Store above 50° F / 10°C. After container has been opened, ensure it is closed tightly after each use.

**• WOOD, CARPENTRY AND CABINETMAKING •**

For bonding wood, hardboard, chipboard, flakeboard or any porous composition board to each other or other materials including metal, glass and expanded polystyrene. Maximum performance is obtained when Weldbond® and material to be bonded are both at room temperature.

**Not recommended for use in construction of laminated structural beams.**

Weldbond® contains no fillers and is 3 to 4 times thicker than any other wood glues. Tackiness is developed very rapidly and yet it is possible to adjust the assembly into its final position without difficulty. **NO HEAVY CLAMPING REQUIRED.** In most cases hand pressure is sufficient to give flexible bond of enormous strength. Provided the wood is not warped, light clamping is all that is required. When dry, the joint is stronger than the wood. Weldbond® can be used on flat surfaces, on edges, and on end grain. Bond strength on mortise joints, dove tailing and level surfaces exceeds 1,700 lbs, per square inch. It eliminates the need for plugging when fixing shelves and brackets. Wood lintels can be easily fixed over door and window frames using Weldbond®.

**METHOD:** Clean surface to be coated. Rub or brush a full, even coat of Weldbond® to each surface to be bonded. Allow surfaces to become tacky, then bring together and clamp lightly. This eliminates any problem of glue rinse-out, caused by pressure being applied to a thick liquid. Particularly important with hardwoods such as ash, walnut and oak.

**END GRAIN BONDING:** Prime both surfaces with a solution of 1 part Weldbond® and 5 parts water, allow to dry. Make final bond with full strength Weldbond® applied to both surfaces.

**GLUE LINE REMOVAL BEFORE STAINING OR FINISHING:** To clean up a glue line, drip or run from a joint, wash thoroughly with warm water and sponge until surface is free of all glue. This must be done within 20 minutes after gluing. When wet, the glued joint will accept a stain or latex paint. There will be no noticeable glue line and surface will stain uniformly.

**PICTURE FRAMING:** Weldbond® can assist in the manufacture of picture frames in the following areas:

- To help make end-to-end glue bond and use up scrap lengths.
- Excess of Weldbond® can be cleaned off thoroughly from the wood with a sponge and water. It will take a stain and is indistinguishable from the rest of the wood.
- Weldbond® can be used in picture framing without clamping if the frames are not warped.
- Picture frames can be constructed without back-up nailing, if you are working with an average sized frame. Heavier frames should be reinforced with nails.
- Weldbond® makes an excellent sealer when mixed 1 part Weldbond® to 5 parts water. This sealing mixture can be used to seal the pores of end grain cuts or clear wood prior to finishing. You use less glue on the joints, and less finishing material on the frame. Weldbond® as a sealing mixture is an excellent base for polyurethane, latex, acrylic enamel and all metallic finishes.
- Weldbond® dries transparent and practically disappears in a glue joint.
- Wood bonded with Weldbond® will take considerable impact without separation. This is due to the flexible nature of Weldbond® Adhesive.

**THE MODEL BUILDER:** Weldbond® is an aid to building longer lasting models and provides the following advantages:

- Weldbond® can be used on different kinds of material without the necessity of changing adhesives.
- Work can be completed with the non-solvent based Weldbond® with no concern about fumes or flammability when work is being done in an enclosed area.
- Most bonds can be made without the need of clamping, unless working with materials that are bent or warped.
- Weldbond® dries transparent. Glue joints will practically disappear and any excess material can be wiped up with a damp cloth up to 20 minutes after application.
- Weldbond® provides a flexible bond. Joints can be made on flexible materials without the danger of cracking or breaking when a project is moved.

A sealing mixture of 1 part Weldbond® to 5 parts water, can be used to increase the flexibility and strength of porous and soft wood, such as balsa. The wood is much less likely to split, particularly when it is being shaped. Two coats of the sealing mixture can be used, if necessary. This adds negligible weight to the balsa and when dry, makes an excellent primer.

**WELDBOND® USED WITH FILLERS:** You can mix Weldbond® with wood flour, talcum powder, tile grout, marble dust or sawdust. This mixture can be used for the filling of holes, dents or reshaping. These filling mixtures can easily be sanded with any open grain sandpaper. Stain or tint can be added during the mixing to the desired shade with a universal colorant.

**PLASTIC WOOD FILLER:** Weldbond® mixed with fine sawdust (wood flour) makes an unequalled plastic wood filler of tremendous strength. **NOTE:** Shrinkage will occur.

### • DECORATIVE / CRAFT PURPOSES •

Weldbond® will bond marble, glass and most metals. Metals must be chemically cleaned prior to use with a high quality solvent such as acetone (nail polish remover) and surface roughed up with fine emery paper. Glass and marble must also be cleaned. If possible, the marble surface to be bonded should be slightly roughened with emery paper, particularly if a large area is going to be bonded and needs additional grabbing power. The recommended method is to use a semi-contact type bond, apply a thin coat of Weldbond® to both surfaces and allow to become slightly transparent. Once the surface becomes shiny or partially clear, bring the two surfaces together and allow to come to a full cure. If the drying needs to be sped up, use hot air from a hot air register, heater or hair dryer.

**NOTE:** Weldbond® is not a solvent based adhesive. It is an air dried chemical cure. If you allow it to dry slightly before actually making the bond then you reduce the curing time for the bond, but you may reduce the strength. The curing time for a bond of this type is 1 to 3 days before allowing rough handling.

**GLASS AND STAINED GLASS:** Weldbond® is widely used in glass applications because it dries clear. It is important to note that because Weldbond® cures from exposure to air it can take up to 48 hours or longer to cure large pieces of glass. Almost anything can be bonded to glass or porcelain when using Weldbond®. Use emery paper on metal surfaces to roughen for extra adhesion. Make sure metal is clean and free of oil film.

**METHOD:** Surfaces should be coated twice. The first coat is a primer of 1 part Weldbond® to 5 parts water. Allow to dry. A second application of concentrated Weldbond® should be allowed to become tacky before the bond is made. When bonding glass, use sparingly if you require it to dry clear. Make your bond when Weldbond® has become very tacky. The material should be clamped in position until fully cured (minimum of 24 hours or more depending on temperature and humidity). When fully cured the bond should be clear. If any white is evident after 48 hours, the curing process has not been completed. Apply heat or place in direct sunlight.

**APPLICATION TIP:** If glass is larger than 12" in diameter, it is recommended that you apply Weldbond® to half the diameter, working from the outside edge towards the center, leaving the center free of adhesive. This will result in a faster cure. **NOTE:** Do not apply excessive amounts of Weldbond® to 1 side only. Leave open for 2 to 3 minutes and bring pieces together with a twisting motion.

**MOSAICS:** Weldbond® is used extensively in mosaic applications. To use as a primer, mix 1 part Weldbond® to 5 parts water. Apply to surface and allow to dry. Mixing a thicker or stronger ratio will add a layer on top of a wooden substrate. Mixed correctly, it penetrates the wood and prevents it from absorbing moisture from grout and other adhesive mixes.

**CARPET REPAIRS:** Frayed carpets can be prevented from deteriorating by applying concentrated Weldbond® to the edge of the carpet or by bonding tape with Weldbond®.

**AS A CONTACT ADHESIVE:** Apply concentrated Weldbond® to one surface. Allow to completely dry (will turn clear). Then coat surface with rubbing alcohol, allow to get tacky and place material to be bonded in position, clamp tightly. This method gives instant grab.

**FABRICS AND LEATHER:** Weldbond® bonds most types of fabrics to themselves and other materials, i.e. wood, brick, concrete, metals. Weldbond® will bond leather as long as it is free from dirt or oily dressing. Weldbond® will bond carpets, sacks, mats, trimmings, and fittings in automobiles, trailers, and cottages. Apply Weldbond® to both surfaces and bring together under moderate pressure. **NOTE:** Will bleed through some fabrics. Not intended for felt fabric. Not machine washable.

**PROTECTING WALLPAPER FROM GREASE AND DIRT:** Mix 2 parts Weldbond® with 1 part water for an easy brushing consistency and apply to the surface. Apply two coats if extra protection is required. Wallpaper treated this way can be wiped off with a damp cloth. Test first in a hidden area.

## • CEMENT AND CONCRETE •

### **BONDING AGENT FOR CEMENT, STUCCO, BRICK, CONCRETE, ETC.**

Weldbond® bonds new cement mixes to old concrete. No hacking, keying or joint raking is required, provided floor was not previously sealed.

#### **GENERAL INFORMATION**

Mixing Ratio: 3 parts Weldbond® to 1 part water.

Coverage: 300 to 400 sq. ft. per 3.63 L (1 gallon).

Application: Trowel/Spreader – based on a thickness of 2/16 – 3/16.

**METHOD:** Rendering, parging or working with cement, stucco, brick, concrete etc.: To render over bricks, terrazzo, tile, formed or precast concrete, or stucco on structurally sound surfaces, prime surface with 1 part Weldbond® mixed with 5 parts water. Allow to dry. Before covering surfaces with sand and cement, apply 3 parts Weldbond® to 1 part water. Render up while still tacky or apply new mix topping while still tacky.

#### **ASTM C1059 Certified.**

ASTM is the American Society for Testing and Materials. Weldbond® was successfully tested as a bonding agent in accordance with ASTM Standard Specifications for Latex Agents for Bonding Fresh to Hardened Concrete.

### **CONCRETE SEALING**

Weldbond® will act as a sealer or primer, when diluted. It is inexpensive and easy. Stops porosity and therefore offers a big savings in time and material when gluing, painting or finishing porous materials. **NOTE:** Weldbond® is not recommended for use on exposed exterior surfaces. Garage interiors are acceptable.

#### **GENERAL INFORMATION**

Mixing Ratio: 1 part Weldbond® to 5 parts water.

Coverage: 1,400 sq. ft. per 3.63L (1 gallon).

Makes 6 gallons of sealer.

Application: Roller, Sprayer or Brush.

Concrete dusting can be caused by several factors. You should not need to have the floor replaced unless the condition is very severe. Try one of the following methods in the order given, until you succeed in controlling it. It is important to ensure surface has not been previously sealed.

**METHOD:** Weldbond® makes an effective concrete sealer. Mix 1 part Weldbond® to 5 parts water and spread with roller or use a pump type sprayer. This 5 to 1 mix produces enough sealer to cover 1,400 sq. ft.

If dusting is minor, a masonry or concrete contractor can apply a chemical hardener, such as zinc or magnesium fluorosilicate, to thoroughly dry concrete.

If dusting is more severe, etch the surface with a mixture of 1 part muriatic acid to 10 parts water. Repeat application one more time and rinse thoroughly. Wear eye and skin protection. If there is no floor drain or sump pump, use a wet vac to pick up the water. **NOTE:** Perform only 1 sealing coat, do not repeat.

**TERRAZZO, QUARRY, FLAGSTONES, ETC. :** Seal base of floor and tiles with 1 part Weldbond® to 5 parts water and allow to dry. Before bedding tiles in sand and cement screed, give floor and base of tile a further coat of 3 parts Weldbond® to 1 part water. While still tacky apply sand and cement bedding to base and bed tiles. Bedding can be from 1/8 inch upwards.

**PARQUET WOOD BLOCK AND STRIP FLOORING:** Can be easily fixed using concentrated Weldbond® applied to the back. Uneven surfaces can be leveled by adding a little plaster or cement to Weldbond® to form a paste. Porous floors first must be primed with 1 part Weldbond® to 5 parts water.

**CONCRETE ADDITIVE:** Use 1 part Weldbond® thinned with 10 parts water as you are mixing water in cement or concrete mix. These floors will stand up to the most difficult conditions.

**APPLICATION TIP:** Increasing compression strength for large project; Approx. 30 gallons of water are required for 1 yard of cement. Add 3 gallons of Weldbond® to 30 gallons of water.

**RENDERING OR PARGING:** When rendering over bricks, terrazzo, tiles, formed or pre-cast concrete, first prime existing surfaces with a mixture of 1 part Weldbond® to 5 parts water. Allow to dry. Before you cover these surfaces with sand and cement, apply a mixture of 3 parts Weldbond® to 1 part water. Render up while this is still tacky. Rendering can be from feather edge upwards.

**STUCCO** (to structurally sound surfaces). See “RENDERING OR PARGING” above.

**REPAIRS TO CONCRETE, STONE, BRICK AND TILE:** Mix 1 part Weldbond®, 1 part water and 5 parts filler (plaster, tile grout, mortar mix or sand mix cement). If repair materials are porous, seal first. When sealed surface is dry apply the adhesive mix best suited to your materials.

**SANDMIX CEMENT AS AN ADHESIVE:** Mix 1 part Weldbond® with 1 part water. Stir this into sandmix cement to the desired consistency and the mixture becomes an adhesive. This can be used for general concrete repairs including repairs to the edges of concrete stairways or porches, cracks in concrete floors or walls. Before this adhesive mix is applied, the surface should be sealed with a mixture of 1 part Weldbond® and 5 parts water and allowed to dry. Open cracks and porous surfaces should first be sealed with the same 1 to 5 mix and allowed to dry before the adhesive mix is applied. Cracks should first be chiseled out in the form of an inverted V, sealed, then the adhesive mix trowelled in from the bottom up. The mixture will lock into the crack.

## • PLASTER AND DRYWALL APPLICATION •

Weldbond® can be diluted to make a plaster bonder. 1 gallon of Weldbond® to 3 gallons of water, produces 4 gallons of plaster bonder.

**PLASTER KEYING:** Apply above mix with a pump type garden sprayer, roller, sponge or brush and proceed to plaster while Weldbond® bonding adhesive is still tacky. **NOTE:** Porous surfaces must first be primed with a solution of 1 part Weldbond® to 5 parts water and allowed to dry.

**PLASTERING OVER GLAZED TILES AND PAINTED SURFACES:** Thoroughly clean surfaces and apply concentrated Weldbond®, then plaster while still tacky.

**DRYWALL / GYPSUM BOARD:** Seal using 1 part Weldbond® to 5 parts water, allow to dry. Surface is now paintable (latex or oil). To bond drywall to any surface use concentrated Weldbond®. If the surface is uneven, use a plaster slurry to take up the unevenness. See Page 2 – “ADHESIVE MIX”.

**DRYWALL / GYPSUM BOARD TO STYROFOAM® OR CONCRETE:** Mix a thick paste consisting of 1 part Weldbond® to 1 part water, and Portland (pre-mixed) cement. Apply to surface in large daubs, a minimum of 2 inches in diameter, 16 inches apart. Set each sheet into place with a piece of wood and mallet, leveling as you go. If drying conditions are poor, tack of the mix can be increased by reducing the water content and/or by using ready-mix mortar instead of Portland cement. Mix can be used when instant tack is required on uneven surfaces.

**STRAPPING / FURRING:** Seal any porous surface to be strapped with a mixture of 1 part Weldbond® to 5 parts water. This will act as a vapour barrier. Then mix 1 part Weldbond® with 1 part water and add sand-mix cement or Portland to obtain a thick, workable mixture. Can be applied to full length of strapping or by using daubs of 6 inch to 8 inch centers. Tap into position and level as you go. This mixture could also be used for shimming.

**PLYWOOD, HARDWOOD, GYPSUM BOARD AND PLASTIC LAMINATES ON VERTICAL SURFACES:** Weldbond® bonds all gypsum plasters to all surfaces listed above, even if smooth. Includes shuttered concrete, glazed bricks, tiles, and painted brickwork. Surface requires no heating or other treatment. Gloss painted surfaces should be sanded first. For tougher, better plaster use Weldbond® with equal amounts of water in making new plaster.

**BONDING JOINTS IN CEMENT OR PLASTER WALLS, FLOORS, CEILINGS ETC.:** Weldbond® is the ideal material for effecting permanent joints to walls, floors and ceilings, including fillets, tiles, slates and pointings. Both surfaces should be thoroughly cleaned and coated with Weldbond®. The two parts should be brought together while the surfaces are still tacky, use hand pressure only. Further sections can be stuck on at any time. All porous surfaces must be primed with 1 part Weldbond® and 5 parts water, allow to dry, then apply concentrated Weldbond® as above.



**TUCK POINTING:** Soak old mortar joints after cleaning in a mixture of 1 part Weldbond® and 5 parts water. Also use this mix as the mixing water for the mortar to ensure a positive bond.

**PLASTER FILLER:** To repair cracks, holes, gaps, etc. in plaster and cement due to uneven surfaces, i.e. hardboard walls, cracked plaster, ceilings, nail holes, etc., mix sand and cement or plaster with a solution of 1 part Weldbond® and 1 part water and fill in. This filler will not shrink or fall out. To ensure permanent adhesion, brush cracks with a mixture of 1 part Weldbond® to 5 parts water solution, and fill with a proprietary filler.

**METHOD:** Thoroughly clean surface, vacuum if possible. For porous surfaces, thin 1 part Weldbond® with 5 parts water, apply this sealing coat to the old concrete and allow to dry (See Page 2 "SURFACE PREPARATIONS BEFORE APPLICATIONS"). Mix 3 parts Weldbond® with 1 part water and apply new cement, while tacky, on concrete. For non-porous surfaces omit sealing coat.

## • PAINTING •

Weldbond® is an unequalled primer for all porous surfaces including drywall. Makes a great sealer for bricks, cement, concrete, plaster, porous composition board, hardboard, flakeboard, chipboard and drywall / gypsum board. Any type of paint may be applied over Weldbond® with excellent results. Saves a considerable quantity of material, which would otherwise be absorbed into the porous surface. Specialty concrete floor paints require the specific following of manufacturer's directions. Weldbond® is latex free.

A mix of 1 part Weldbond® with 5 parts water, becomes a universal primer and sealer which can be applied with a brush, sponge, roller or spray gun and allowed to dry.

1 gallon of Weldbond® becomes 6 gallons of primer and sealer. Surface must be porous. See Page 2 "SURFACE PREPARATIONS BEFORE APPLICATIONS".

**EFFLORESCENCE:** Weldbond® effectively checks efflorescence on brick, block or plaster above grade. The face work should be dry and brushed off. Then brush or spray a solution of 1 part Weldbond® to 5 parts water well into the surface.

## • TILING - WALLS AND FLOORS •

Weldbond® is the easiest and cleanest method for adhering any kind of tile to any kind of surface. They can be laid on floors or walls, on flat or uneven surfaces, in hot or cold locations. The strength of the bond obtained is far greater than with any type of adhesive cement.

Bonds all acid and alkali resistant tiles, asphalt, backed vinyl, acoustic tiles, cement tiles, cork tiles, glazed tiles, roof and terrazzo tiles, quarry tiles, etc., on walls or floors.

The following adhesive mix method offers contact adhesion without the disadvantages of usual adhesives. Above all, although there is contact adhesion and the tile cannot be removed there is still time available to move it into correct position.

In practice, most surfaces will be uneven and/or porous. They may be of cement rendering, plaster, concrete, cement, brick, wood, etc. These inequalities must be taken up so that the tile surface is flat and true. In these cases use the following procedure.

**METHOD:** Prime the entire wall or floor with a solution of 1 part Weldbond® and 5 parts water and allow to dry. Use the same solution to prime tile and porous backs and sides, i.e. glazed or ceramic tiles. Any number can be prepared and held in stock indefinitely. There is no need to soak or wet the tiles.

Make up an adhesive mix of equal parts Weldbond® and water. Add to sand mix cement to form smooth workable mass. To obtain a white bedding cement or grout, use white silicate sand and white cement (the usual mix is 3 parts sand to 1 part cement). Mix equal parts of Weldbond® and water as your liquid, make this mix separately and then add to the sand and cement mix. This mixture is usable for 12 hours.

Apply the mix to rear of tiles by means of a trowel. It is recommended to wait at least 5 minutes before fixing tile. Tile can then be fixed into position or can be put on at any time within half an hour. There is a firm instantaneous bond, but the tile can be moved into any position and can be bedded level.

This method is ideal for fireplaces, surrounds, for replacing tiles, or repairing broken tiles. Tiles can also be placed directly on the wall using concentrated Weldbond® brushed on to the wall. Porous walls must be primed first. See "PAINTING" above.

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# WELDBOND®

**NON-TOXIC\* • NON TOXIQUE\***

• **WELDBOND® IS ECO FRIENDLY!** •

Weldbond® is EcoLogo™ Certified!

The EcoLogo™ provides customers – public, corporate and consumer, with assurance that the products and services bearing the logo meet stringent environmental standards that have been verified by a third party auditor.

EcoLogo™ has recognized Weldbond® to be

- Effective and safe to use.
- Formulated WITHOUT:
  - latex
  - aromatic or halogenated solvents
  - formaldehyde
  - toxic metals, including but not limited to cadmium, hexavalent chromium, lead, and mercury, or their compounds
- Not containing more than 5% VOCs by weight.

Weldbond® contains no animal ingredients or harmful chemicals. It is non-toxic\*, free of fumes and environmentally friendly.



CCD 046  
ADHESIVES GENERAL PURPOSE  
ADHÉSIF TOUT USAGE

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**AVAILABLE IN:**

30 mL (1 oz) • 60 mL (2 oz) • 114 mL (4 oz) • 150 mL (5 oz)  
227 mL (8 oz) • 275 mL (9.2 oz) 341 mL (12 oz)  
600 mL (21 oz) • 1.82 L (64 oz/ ½ gallon)  
3.63 L/ (128 oz, 1 gallon) • 20 L (5 gallons)



**WARNING**

**Weldbond® must not be allowed to freeze.** Must be protected from frost at all times. Store above 50° F / 10°C.

To be effective any bonding cement is dependent on its correct use, which includes allowing for proper drying and curing time depending on materials used and atmospheric conditions. Instructions for its application must be strictly adhered to and materials used must be as outlined in this guide. The information given and the dilutions referred to are based on many years of laboratory research and practical experience, and are not extravagant claims aimed to mislead the user. **Weldbond® is not similar to any other bonding agent being offered.**

**Frank T. Ross & Sons Ltd.**  
**Frank T. Ross & Sons Inc., U.S.A.**

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