

## Using 4Bond Molecular Bonding Complex with Permanent Waves

**IMPORTANT NOTE:** 4Bond Molecular Bonding Complex for permanent waving is comprised of two different application procedures once the hair has been carefully tested for elasticity. If the hair fails the elasticity test perform the 4Bond Stand Alone Service (see page 2) first to restore the hair to its near natural state. This service will aid in providing sufficient elasticity to the hair, enabling a successful perm service.

Once the desired perm is chosen according to hair type, proceed to follow the manufacturer's directions for winding and processing. Upon completion of the processing stage rinse the rods carefully and thoroughly to remove the processing lotion. Blot the excess water from the rods in preparation for the neutralizing process. Follow the directions below for proper neutralization.

**For Normal to Slightly Dry Hair:** The 4Bond Molecular Bonding Complex is not necessary for this service, however, we recommend adding POWERTOOLS TCA (see page 2, sold separately) to increase tensile strength and porosity eliminating curl relaxation. TCA also aids in producing shiny bouncy curls. Add 5 drops of TCA to neutralizer, shake vigorously and saturate each rod. Set timer for 5 minute processing. Rinse well. See note below.

**For Hair That is Color Processed (Tinted), Dry and Chemically Treated (Highlighted and/or Toned):** Add 1/16 oz / 2.5 ml of 4Bond Molecular Bonding Complex to the neutralizer. Saturate each rod carefully. Set timer for 5 minute processing. If hair is Highlighted and/or Toned add an additional 5 minutes to the neutralization process. Rinse well. See note below.

The combination of the 4Bond Advanced Polymer Technology, Keratin, Quinoa and Baobab proteins will aid in restructuring and healing the hair from the inside out achieving unbelievable perm results.

**NOTE:** 4Bond Molecular Bonding Complex completes the oxidation period therefore, there is no need for a 48-hour waiting period. Hair may be shampooed the next day.

## Using 4Bond Molecular Bonding Complex with Keratin Smoothing Treatments

The 4Bond Molecular Bonding Complex works great with Keratin Treatments. Since these treatments smooth and seal the cuticle, we recommend performing the 4Bond Molecular Bonding Complex Stand Alone Service beforehand.

Using an applicator bottle, begin by mixing 85% water and 15% 4Bond Molecular Bonding Complex.

Apply to dry hair being sure to saturate thoroughly. Leave in for 5-10 minutes. Without rinsing, apply the 4Bond Leave-In Fortifying Treatment throughout the hair and comb through. Leave in for an additional 10 to 20 minutes then rinse.

Use a clarifying demineralizing shampoo before applying the Keratin treatment of your choice.

Apply Keratin Treatment of choice and follow manufacturer's instructions. Once service is completed, spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired.

Combining the 4Bond Molecular Bonding Complex with the Keratin Smoothing Treatment will provide additional strength and integrity to the hair.

PERMANENT WAVES

KERATIN SMOOTHING

4

## Using 4Bond Molecular Bonding Complex with Relaxers

**IMPORTANT NOTE:** For extremely compromised hair, test for sufficient elasticity to support the relaxer service. If hair is extremely compromised, please refrain from using the Relaxer until the 4Bond Stand Alone Service has been performed. See Stand Alone Service instructions on page 2. If sufficient elasticity exists, perform service as directed below.

4Bond Molecular Bonding Complex may be added directly into your Relaxer Product and Neutralizing Shampoo.

### THE FORMULA:

Using the included measuring cup, add 1/4 oz / 7.5 ml 4Bond Molecular Bonding Complex directly into every 2 oz / 60 ml of Relaxer Product.

Apply and process per manufacturer's directions. Rinse product from hair and towel blot.

Using the included measuring cup, add 1/8 oz / 5 ml 4Bond Molecular Bonding Complex into your Neutralizing Shampoo. Lightly lather then rinse well.

Apply the 4Bond Molecular Building Complex Product. Using the included measuring cup, mix 1/2 oz / 15 ml of 4Bond Molecular Bonding Complex with 3 oz / 90 ml of water in an applicator bottle. Saturate hair and leave on for 10 minutes.

Without rinsing, apply a generous amount of conditioner and gently comb through with a large tooth comb, being careful not to stretch the hair. Process for 10 minutes. Rinse well.

Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired. Be sure to retail the 4Bond Leave-In Fortifying Treatment to your clients so they can continue to receive the bond strengthening benefits between services.

RELAXERS

## Using 4Bond Molecular Bonding Complex with Balayage

Most Balayage lightening products are mixed with 1 to 1.5 parts of powder to 2 parts developer. There is no need to increase your developer volume when using 4Bond Molecular Bonding Complex.

Use the included measuring cup to measure the amount of 4Bond Molecular Bonding Complex to be added to your pre-mixed lightener. Powder weight only.

**NOTE:** For faster processing while performing this service refer to The Color And Lightener Accelerator drops (TCA) package for easy inclusion formulation instructions. See page 2, sold separately.

Cover each section with cellophane to increase processing time and to eliminate bleeding of the lightener especially when a thin viscosity formula is applied. Timing will vary.

**IMPORTANT NOTE:** Some lighteners develop a heat reaction to chlorine and other mineral deposits found in water and on hair. If a heat reaction occurs, it is not caused by the 4Bond Molecular Bonding Complex; it is caused by the lightener interacting with minerals. Please rinse hair immediately if this occurs.

BALAYAGE

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NEW TECHNOLOGY

IMMEDIATE RESULTS

# 4Bond™

MOLECULAR BONDING SYSTEM

### POWERTOOLS®

#### 4Bond Molecular Bonding System

...the newest technology solving the never ending issue of broken internal hair bonds during most chemical, thermal and mechanical services. 4Bond works from the inside out, repairing the hairs internal broken and damaged bonds. Infusing, penetrating and sealing into the cortex and cuticle proprietary Polymers, Keratin, Quinoa and Baobab Proteins rich in Amino Acids to strengthen and fortify the hair, achieving better and longer lasting results.

**4Bond...** can be used in all salon services

**4Bond...** no formulation changes needed

**4Bond...** no lengthy processing times

**4Bond...** works from the inside out

**4Bond...** works with or without a heat source

**4Bond...** aids in resistant gray coverage

**4Bond...** preserves hair color longer

**4Bond...** deep conditions

**4Bond...** is compatible with POWERTOOLS®  
TCA, The Color And Lightener Accelerator and/or  
G.O.D, Gray Oxidizing Drops

### Why the name 4Bond?

4Bond features 4 key ingredients infused into a uniquely crafted, easy to use system. It works with not only the newest advanced polymer, but infuses three additional ingredients within the hair shaft to ensure the shiniest, healthiest head of hair possible inside and out during all chemical and color services. 4Bond has been formulated with new protein technology and a 'never before seen' molecular bonding polymer, unlike most brands that utilize a single polymer that only helps rebuild the surface of the hair shaft working primarily with deposition color.

Polymers are not new, they were introduced in the late 70's and early 80's where it was found that enhancements to natural fibers were being done through the synthesis of protein blocks. This synthesis was a result of the bonds between protein strings - polymers. Experiments were made with hundreds of plant products to determine the effect on the hair. These botanicals combined with the protein polymers provided the solid foundation for innovative hair servicing and products. With this in mind, we took the time formulating 4Bond, combining the old with new technology to insure a quality, long lasting innovative product superior to others on the market. The unique benefits 4Bond provides are listed above and are unmatched by others who rushed to market.



AVAILABLE IN 4 oz and 16 oz Sizes

### What is the technology behind the 4Bond Molecular Bonding System?

**Advanced Polymer:** 4Bond has been formulated with the latest bond building technology for deposition color, hi-lift, lighteners, relaxers and permanent waves. The advanced polymer opens the cuticle and deposits into the core layer of the hair to add an extension of retention properties while restructuring the hairs internal tensile strength, repairing any previous breakage. The 4Bond polymer aids in the adhesion of all color molecules, improves deposition and retention of hair services and protects the hair against damage during color and chemical services. Continued benefits are received with home maintenance using the spray-in 4Bond Leave-In Fortifying Treatment.

**Keratin Amino Acids:** When hair is lightened it kills the internal "shock absorbers" from the hair shaft. 4Bond has been infused with Keratin Amino Acids which revitalize that lost barrier and kick-starts the hair's internal tensile strength. Keratin Amino acids add a unique bonding complex, achieving richer, brighter, longer lasting color.

**Quinoa Protein:** 4Bond offers a unique amino acid profile which includes all essential amino acids promoting healthy hair and skin. Quinoa Protein moisturizes and smooths the cuticle layer of the hair shafts, making them less prone to latch onto one another, thereby freeing and preventing tangles and protecting the hair shafts from drying and splitting.

**Baobab Protein:** This unique protein was chosen to be included in the 4Bond system for its superior hair damage recovery properties. The proteins are obtained from the large Baobab fruit seeds produced by the Adansonia Digitata trees native to Africa, also called the "tree of life" due to its ability to store water and withstand the harsh climate. The seeds are obtained using ethical and sustainable methods while supporting local communities in Africa.

## How to Use 4Bond Molecular Bonding Complex As a Stand Alone Service

4Bond has been formulated to rebuild the hair's natural structure. Compatible with all hair types from virgin to extremely compromised color/chemically treated hair. 4Bond will rejuvenate, restructure and bring your client's hair back to it's natural & healthy condition. 4Bond may be applied as a salon treatment once a week, or can be used more often if hair has been extremely compromised. This procedure can be performed before and/or after a chemical service.

When performing a stand alone treatment to strengthen the hair bonds without a chemical service.

Using the included measuring cup:  
Mix ½ oz / 15 ml of the 4Bond Molecular Bonding Complex with 3 oz / 90 ml of water = 3 measured dosing cups in an applicator bottle. Refrain from using hard water. Do not use a spray bottle.

Apply from roots to ends on dry or damp towel dried hair. Saturate hair and comb through to ensure even distribution. Leave in for 5-15 minutes depending on the state of hair.

Rinse thoroughly. Shampoo.

Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired. Be sure to retail the 4Bond Leave-In Fortifying Treatment to your clients so they can continue to receive the bond strengthening benefits between services.

STAND ALONE

Measuring cup included only in Full Size 4Bond PrePak System

## THE 4Bond Leave-In Fortifying Treatment

(Included With This System & Also Sold Separately)

4Bond Leave-In Fortifying Treatment further enhances the molecular bonding benefits of the initial stand alone service both in salon and at home. The 4Bond Leave-In Fortifying Treatment contains the same Advanced Polymer as the 4Bond Molecular Bonding Complex and is infused with Keratin, Quinoa and Baobab Proteins rich in Amino Acids for increased strengthening of hair bonds in salon and between services. Be sure to retail the 4Bond Leave-In Fortifying Treatment to your clients so they can continue to receive the bond strengthening benefits between services.



## Using 4Bond With TCA & Heat Sources

(TCA Sold Separately)

### REFER TO EACH SERVICE FOR SPECIFIC INSTRUCTIONS

4Bond Molecular Bonding Complex and TCA, The Color And Lightener Accelerator, when used together can process services with or without a heat source. When used with a heat source such as BODY HEAT (add a plastic cap over the hair without holes) and process; if using a LOW HEAT DRYER (add a plastic cap over the hair with 16 holes to ventilate the heat) and process. Both applications are acceptable, but remember, since heat normally speeds up the chemical reaction during color/lightener processing be watchful and check the status every 3 to 5 minutes. If the hair is severely compromised, please refrain from using heat until the 4Bond Molecular Bonding Complex Stand Alone Treatment has been used to restore the hair back to its initial integrity.

## 4Bond Molecular Bonding Complex MEASURING CHART

### FLUID/LIQUID CONVERSION CHART

No need to worry, exact measurements are not critical  
Too little or Too much - No problem!

OZ	ML	GRAMS
1/16 oz	2.5 ml	2g
1/8 oz	5 ml	4g
1/4 oz	7.5 ml	7g
1/2 oz	15 ml	14g
1 oz	30 ml	28g
2 oz	60 ml	57g
3 oz	90 ml	85g
4 oz	120 ml	113g
5 oz	150 ml	142g
6 oz	180 ml	170g

## Using 4Bond Molecular Bonding Complex with Color/Retouch & Glosses/Toners

4Bond may be used in all professional hair color applications including permanent, semi, demi, glosses, toners and hi-lift colors.

There is no need to increase the volume of developer for a single process retouch color. You can use 4Bond in all single process services.

Using the included measuring cup:  
Thoroughly mix color and developer in a glass bowl, plastic bowl or applicator bottle. Using the included measuring cup add 1/8 oz / 5 ml of 4Bond Molecular Bonding Complex per 2 oz / 60 ml of your retouch color and mix well. Apply to regrowth area for the allotted time.

**NOTE: For faster processing while performing this service and using client's body heat (plastic bag, no holes) refer to The Color And Lightener Accelerator drops (TCA) package for easy inclusion formulation instructions. See page 2, sold separately.**

Upon completing the application of color to the regrowth area, cover the hair with a plastic cap allowing body heat to reduce processing time. Processing time will vary from 10 to 20 minutes based on the hairs texture, density and the amount of gray regrowth.

Rinse thoroughly. Shampoo and Condition. Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired.

Using the included measuring cup:  
Thoroughly mix color and developer/emulsion first. Add 1/8 oz / 5 ml of 4Bond Molecular Bonding Complex per 2 oz / 60 ml of your gloss or toner color and mix well. Apply formula to the hair and monitor processing every 3-5 minutes until the desired shade is achieved.

Rinse thoroughly. Shampoo and Condition. Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired.

**NOTE: If hair is compromised, using less of the 4Bond Molecular Bonding Complex may solve any over saturation issues during the deposit stage. Example: 1/16 oz / 2.5 ml**

COLOR/RETOUCH

GLOSSES/TONERS

## Using 4Bond Molecular Bonding Complex with Cream Bleach

**There is no need to increase volume of the developer when using 4Bond**  
For each mixture of 1.5 to 2 oz / 42 to 57g of cream bleach and developer, using the included dosing cup, add 1/4 oz / 7.5 ml of 4Bond Molecular Bonding Complex. Dosage of 4Bond Molecular Bonding Complex is for the amount of cream bleach only, not bleach and developer.

If using more than 2 oz / 57g quantity of cream bleach, mix an additional color bowl and maintain a consistent mixing ratio (additional 1 oz = 1/8 oz / 5 ml 4Bond Molecular Bonding Complex).

If using LESS than 1.5 oz / 42g quantity of cream bleach reduce the amount of 4Bond Molecular Bonding Complex to 1/16 oz / 2.5 ml.

## Using 4Bond Molecular Bonding Complex with Lightening Services

The amount of 4Bond used depends on the amount of powder being used, not the combined amount of developer and powder.

### FOIL HIGHLIGHTS:

Mix powder and preferred developer together for desired level of lift. There is NO NEED to increase your developer volume when using 4Bond Molecular Bonding Complex.

When mixing developer with less than a 1 oz / 28g scoop of lightening powder, using the included measuring cup, add 1/8 oz / 5 ml of 4Bond Molecular Bonding Complex.

When mixing developer with 1-2 oz / 28-57g of lightening powder, add 1/4 oz / 7.5 ml of 4Bond Molecular Bonding Complex.

**NOTE: For faster processing while performing this service refer to The Color And Lightener Accelerator drops (TCA) package for easy inclusion formulation instructions. See page 2, sold separately.**

**NOTE: If hair is too porous, using less of the 4Bond Molecular Bonding Complex may solve any over saturation issues during the deposit or lift processing stage.**

Once the foiling is complete, check the first foil to monitor the processing time. Remember, fine textures will process quicker than coarse textures. If needed, a heat source may be applied to the last foil areas.

Once processing is complete, remove foils and rinse thoroughly. If a toner/gloss is required follow the instructions for color/gloss applications.

Rinse and shampoo. Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired.

FOIL HIGHLIGHTS

CREAM BLEACH

**NOTE: For faster processing while performing this service and using client body heat (plastic bag, no holes) refer to The Color And Lightener Accelerator drops (TCA) package for easy inclusion formulation instructions. See page 2, sold separately.**

Apply using the application of your choice. Apply a plastic cap over the hair and process using natural body heat to reduce processing time.

If foiling, the hair will automatically process faster due to the product being enclosed within the foil. Perform periodic checks to not over process.

Rinse thoroughly and shampoo. Spray 4Bond Leave-In Fortifying Treatment into hair, you may also add your favorite styling products, style as desired.

Be sure to retail the 4Bond LEAVE-IN FORTIFYING TREATMENT to your clients so they can continue to receive the bond strengthening benefits between services.