

Dear Customer,

Thank You Very Much For Your Inquiry & Considering “The **Ready Seal** Advantage”! **After viewing this mail, PLEASE contact me @ 888-782-4648 For Technical Support! See Prep & Application Recommendations Below!**

**Preparation & 12% Moisture Content are #1 Imperative for success!**

**In order to ascertain this one should consider a Pin-Type Moisture Meter!**

**See Delmhorst J-Lite Spec Sheet Attached! We no longer market this quality unit, but this unit is indicative of a PIN TYPE Moisture Meter. Homeowner versions are available @ Lowe's, Home Depot, Amazon & Other Suppliers!**

**Ready Seal** has been a product of choice for log homes, cedar siding, garage doors, children’s play-sets, equestrian centers, boat docks, decks, pergolas, gazebos, cabanas, pavilions, interior cabinets, interior floors & a plethora of substrate materials, such as tiger, cypress, redwood, teak, pine, cedar, ipê, massaranduba, cumara, garapa, walnut, cherry, hickory and oak. **Ready Seal** can be used on trex, iron wood, composites & some clients have used for staining concrete.

**Ready Seal** is a genuine semi-transparent stain and seal that penetrates, providing protection on vertical surfaces up to 5 years and 2 to 4 years on horizontal surfaces(**when applying the 2 coat protocol**) inhibiting moisture with **Natural Resins** and some of the **Finest Oils** in the industry; mildewcide-fungicide protection; and UV protection with our trans-oxide pigments.

**Ready Seal** is not licensed to market as containing an **insecticide property** in the formulation. However, the formulation **does repel boring insects**.

**Ready Seal** is Available in the following tones:



### Ready Seal Warranty:

Ready Seal guarantees the Quality of the contents in the container. Ready Seal has no control over the surface preparation or application techniques. No guarantee as the results is offered, expressed, or implied. If the product is defective, replacement will be furnished free of charge or a refund of the material cost at manufacturer’s option. Labor cost are not covered by this warranty. Responsibility for claims of any kind is strictly limited to the purchase price of the material.

**This Warranty is on the label of all Ready Seal Products.**

For **Distributor Listings** in your area, go to **ReadySeal.com** & select Store Locations @ top right of the home page. Enter your zip code for search!

**Ready Seal Exterior & Interior Stains** are penetrating stains and sealers that preserve, accentuate and will reveal the natural beauty of your Exterior/Interior Substrates! You will be very pleased!

**Ready Seal Interior Stain Prep & Application:**

New Logs or new construction will not require the following Prep! New smooth milled substrate materials will only take one light coat!

- For good penetration, sand floors, cabinets, furniture or other applications so that all existing finishes have been totally removed and to a desired smoothness!
- Apply a paste wood filler into all open nail holes & cracks of Oak & Pine Materials. To dry, wipe with a dry cloth or use saw as an absorbent, then vacuum residual. This process is not necessary for Maple or Birch since they are closed grain materials.
- Before staining, apply a small amount of

**Ready Seal** in an inconspicuous area to

assure desired color.

- Apply **Ready Seal** allowing penetration timeline for desired color, then wipe excess away.
- A sealing varnish can be applied while **Ready Seal** is still wet or dry. Flooring Should Have 2 Day Penetration Timeline Before Sealing!
- It's Easy & It's **Goof Proof!**

**The Following Narratives Should Answer Most Of Your Questions. If you need additional technical support, PLEASE contact us @ 888-782-4648!**

### **Why Ready Seal?**

- Penetrating Wood Stain and Sealer.
- Protects - Moisture cannot get under our product and into the wood.
- No laps, runs or streaks.
- No cracking, chipping, flaking or peeling.
- Mildew resistant.
- Dries to a durable, flat, natural finish.
- Dries to the touch in minutes, not hours.
- Contains no linseed or vegetable oils that promote algae and fungus growth in wood.
- Can be applied to all types of wood with both rough and smooth surfaces.
- Can be applied wet-on-wet OR wet-on-dry with no lapping.
- Can be applied at any temperature.
- Can be applied in the sun.
- Can withstand rain within minutes of application.
- Easy to apply – can be applied with a simple garden sprayer, a roller or a brush.
- No mixing or stirring required during application of the product.
- No back brushing required.
- Easy maintenance – no sanding or stripping required for reapplication.
- Low odor.
- Lowest VOC compound in the market.
- Ultimate UV protection.

**Preparation & 12% Moisture Content are #1 Imperatives for success!**

## **In order to ascertain this one should consider a Pin-Type Moisture Meter!**

The viscosity of Ready Seal Wood Stain provides a wide application temperature spectrum ranging from teens to 120+ degrees. **The Moisture Content of Substrate Must be @ 12% or Less!** Penetration and dry time is certainly slower in the cooler temperatures. Dry Time can be 3 to 7 days.

**Ready Seal Does Not Raise The Grains of Wood. Regarding Decks,** You can walk & re-stage furniture right away without any foot prints, finger prints or markings. If you want to accelerate the dry time and circumvent the tracking, saturate an old cloth or old mop with mineral spirits and take across surface to cut excess oil. This will address the slippery surface & curtail the tracking issues.

An Airless will work fine. Use a tip with 1.8-2.3 GPM range...**211-213(2 denotes a 4" Height/.011-.013 orifice) tip size** and turn down PSI. You only need 40-60 PSI to push the Ready Seal Product. A pump garden sprayer is ideal since it's GPM rating is 2 gallons per minute and is in concert with the viscosity of Ready Seal. Either choice will render success.

**Use mineral spirits or paint thinner for clean up!**

Ready Seal has no carcinogens and when it dries, your substrate (e.g. picnic table, children's play set, outdoor furniture) will be suitable of normal use.

Ready Seal is biodegradable! Microbes are most active @ 70' allowing Ready Seal to dissipate in salt water within 7 days; fresh water within 14 days; and ground soil within 21 days.

**New to 3 Year Old horizontal substrate materials will only take one coat of Ready Seal!**

**See New Deck Prep & Application Recommendations Below as well as the 2 Coat Test Method!**

If new substrate material is kiln dried, you should be @ 12% moisture content benchmark and ready for staining if there has not been a precipitation experience in the past 72 hours. Otherwise, You need to wait 4 to 6 weeks to make sure the material is dried to 12% moisture or less. New materials can still be holding up to 20-28% Moisture!

Clean with 25% household bleach/75%water mixture. Spray-Apply mixture waiting 15 minutes for good penetration and then rinsing thoroughly with garden hose. This will remove oxidation & kill algae/mildew! The substrate must be dried to 12% moisture content or less, then apply Ready Seal. Apply 1 coat allowing for 1 hour of penetration, then before applying a 2nd coat verify per **2 Coat Test Method. If ready, apply 2nd coat** with a **2 hour window before rain.**

**See Before and after photos of a cedar deck that was cleaned properly then stained with Natural Cedar. See Link Below!**

**Double Click & Scroll to #9 Photo: Click On Photo To Bring Up Slide Show Format!**

<https://twitter.com/readysealinc>



OS-020 Redwood On Western Red Cedar



OS-020 Redwood On Ipe'

It's takes up to 10-12 years for Ipê to open up enough for two coats. Annual coatings may be required. **See Two Coat Test Method Below!**



OS-020 Redwood On Ipe'



Ready Seal OS-015 Pecan on PT Pine Deck



Ready Seal OS-005 Light Oak on Cedar

#### **Aged Substrate Preparation:**

If an acrylic-varnish-silicone type product is completely weathered away, you will only have to clean deck with 25% household bleach/75%water mixture. Apply mixture waiting 15 minutes and then rinsing thoroughly with garden hose. The substrate must be dried to 12% moisture content or less, then apply Ready Seal. If an old product is still present, you will have to remove it with a quality stripper, then neutralize with a brightener-oxalic acid... Or you may wait until this varnish-acrylic totally weathers away, then just use the aforementioned bleach and clean prep. **Do not sand. This milling will undulate-scallop in the thousands resulting in uneven penetration of Ready Seal. Use a stainless steel swimming pool algae brush or wire brush to take away splintering fibers brushing with the grain. Again, substrate must be dried to 12% moisture content or less, (In order to ascertain this one will use a moisture meter) then apply two coat protocol for maximum protection! For Subsequent coatings, repeat prepping process!**

#### **New Deck vs. Old Deck:**

If new deck substrate material is kiln dried, you should be @ 12% moisture content benchmark and ready for staining if there has

not been a precipitation experience in the past 72 hours. Otherwise, You need to wait 4 to 6 weeks to make sure the material is dried to 12% moisture or less. When timbers are harvested and go to the mills, they are hydrated as well as insecticide treated until the dimension process. **If your pressure treated material is green tinted, you can remove the green by applying oxalic acid. You can acquire at most paint stores. Spray on and allow to dry as the green disappears reaching the desired 12% moisture content**(In order to ascertain this one should consider a moisture meter). New horizontal substrate materials will only take one coat of Ready Seal due to the milling process where they are subjected to conveyors, rollers, sealed with protective coatings (i.e. soap, wax) and density or lignin presence in the wood fibers which can inhibit stain penetration. Removing these coating is achieved by cleaning deck with 25% household bleach/75%water mixture. Apply mixture waiting 15 minutes and then rinsing thoroughly with garden hose: power washing can cause damage. Again, the substrate must be dried to 12% moisture content or less, then apply Ready Seal. **Do not sand.** This milling will undulate-scallop in the thousands resulting in uneven penetration of Ready Seal. As age and exposure breaks down wood fiber- lignin properties, only then will the two coat protocol be experienced for 4 year maximum protection! Probably, the third or fourth year, you will be able to apply two coats & realize up to 4 years of protection. One coat is acceptable with a subsequent annual coatings each spring or depending on your discretion! For Subsequent coatings, repeat prepping process!

As age and exposure break down wood fiber-lignin properties, only then will the two coat protocol be experienced for maximum protection! Probably, the third or fourth year, you will be able to apply two coats.

#### **Two Coat Verification Test Method:**

After applying 1<sup>st</sup> coat with 1 hour penetration, then apply a few drops of Ready Seal in a few test areas. After 30 to 45 minutes, wipe your fingers across test areas. If you see clear oil, the pigment Has penetrated and the substrate is ready for two coats. If you see tone-pigment, you will have to wait for subsequent application.

#### **Ready Seal Coverage Formula Example For Deck:**

15' x 24' =360 Sq. Ft. x 115 For Rail, Spindles & Steps = 414 Total Area Sq. Ft. / Coverage Rate – 150 = 2.76 or 3 Gallons Rendering Two Coat Protocol-Four Years of Protection. **1.38 or 2 Gallons For One Coat-New Decks.**

#### **Log Homes & Siding:**



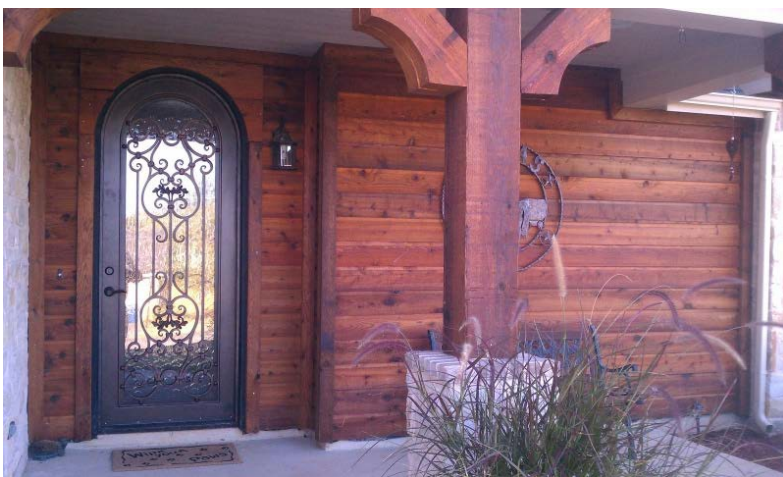
Ready Seal OS-010 Golden Pine On Pine



Ready Seal OS-005 Light Oak on Pine Logs – Maximize Screen For Full View or Use Slide Bar Below



Ready Seal OS-15B Pecan on Pine Logs - Maximize Screen For Full View or Use Slide Bar Below



Ready Seal OS-020 Redwood on Cedar Siding



Ready Seal OS-020 Redwood on Cedar Shake Siding



Ready Seal OS-020 Redwood on Cedar Shake Siding

If an acrylic-varnish-silicone type product is completely weathered away, you will only have to clean with 25% household bleach/75%water mixture. Apply mixture waiting 15 minutes and then rinsing thoroughly with garden hose. The substrate must be dried to 12% moisture content or less, then apply Ready Seal. **If old product is still present, it will have to be removed.** This can be done one of two ways: sand blasting with a pecan shell or corn cob Aggregate media or with a quality stripper, then neutralize with a brightener-oxalic acid... Or you may wait until this varnish-acrylic totally weathers away, then just use the aforementioned bleach and clean prep. **Do not sand.** This milling will undulate-scallop in the thousands resulting in uneven penetration of Ready Seal. Use a stainless steel swimming pool algae brush or wire brush to take away splintering fibers brushing with the grain. Again, substrate must be dried to 12% moisture content or less, then apply two coat protocol for maximum protection! For Subsequent coatings, repeat prepping process!



**Vintage Log Home Prep:** First time cleaning-prep, we recommend using full strength-straight bleach with a tablespoon of dawn to a gallon mixture & stray on the surfaces liberally allowing a 15 minute timeline, then power wash. If not clean enough, apply oxalic acid (available in granules to mix with hot water) with a tablespoon of dawn to a gallon mixture & spray on the surfaces, then let dry. **DO NOT RINSE.** Check moisture to 12%< then stain.

**Vintage Log Home Previously Prepped & Stain:** To prep for subsequent coatings, apply 25% bleach & 75% water mixture sprayed on for fifteen minutes, then rinse. Check moisture to 12%< then stain.

For the **Newer Construction:** To prep for subsequent coatings, 50/50 bleach & water mixture sprayed on for fifteen minutes, then rinse. If not clean enough, apply oxalic acid (available in granules to mix with hot water) with a tablespoon of dawn to a gallon mixture & spray on the surfaces, then let dry. **DO NOT RINSE.** Check moisture to 12%< then stain.

Yes, **Ready Seal** will seal & protect Cedar Siding Cedar, Shake Siding & Cedar Shake Roof Materials!

All substrates or materials expand and contract. That's one of the greatest feature benefits of **Ready Seal**--not cracking and peeling like other form filing products.**Ready Seal** enhances, exudes the natural beauty and maintains it, while allowing natural processes of exposure to occur without nuances or consequences that were aforementioned. Presently, we supply many contractors across the landscape that spec **Ready Seal** for cedar shake. You will have beautiful results! Apply 50/50 bleach & water mixture sprayed on for fifteen minutes, then power wash. Check moisture to 12%< then stain.

**For Fences & Other Applications, See Narratives Below.**



**Light Brown On Cedar Split Rail**



**OS-030 Mahogany / Golden Pine on Redwood**



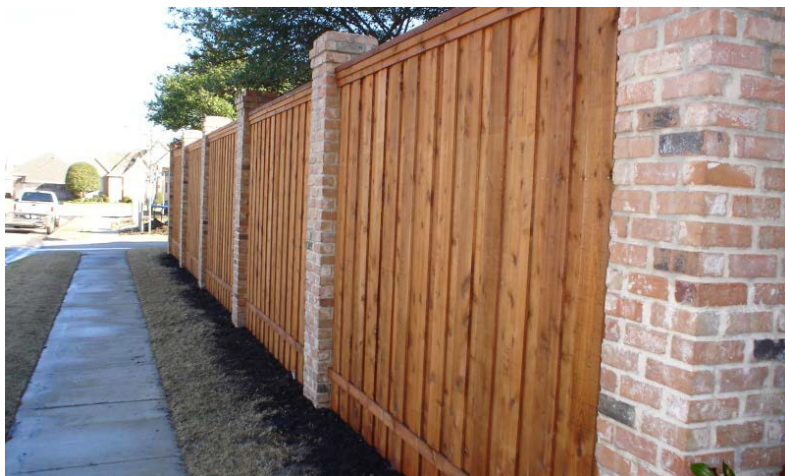
**OS-030 Mahogany / Golden Pine on Redwood**



**OS-112 Natural Cedar on Cedar**



**OS- 015 Pecan On Cedar**



**OS-005 Light Oak On Cedar**



**OS-025 Dark Walnut on Cedar**

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**Ready Seal Coverage Formula Example For Fence:**

75 Linear Ft. x 6 Ft. Ht. x 2 For Both Sides = 900 Total Sq. Ft. / Coverage Rate For Cedar 125 Sq. Ft. = 7.2 or 8 Gallons Rendering Two Coats On Both Sides-Two Coat Protocol.

**Ready Seal** has Distributor Partnerships throughout USA, and we expedite to the Caribbean, Hawaii and Canada. **Ready Seal** has been a product of choice for log homes, cedar siding, garage doors, children's play-sets, equestrian centers, boat docks, decks, pergolas, gazebos, cabanas, pavilions, interior cabinets, interior floors & a plethora of substrate materials, such as tiger, cypress, redwood, teak, pine, cedar, ipê, garapa, walnut, cherry, hickory and oak.

**Ready Seal** is a genuine semi-transparent stain and seal that penetrates, providing protection on vertical surfaces up to 5 years and up to 4 years on horizontal surfaces inhibiting moisture with natural resins and some of the finest oils in the industry; mildewcide-fungicide protection; and UV protection with our trans-oxide pigments. When applying on weathered wood, cleaning will be required, using only household bleach and water applied for 15 minutes, then rinsed with a garden hose. Next, follow with two light coats or one heavy coat.

This process will not suffice for film-forming paint stains. This film-forming coating must be stripped before they can be reapplied, thus experiencing a very labor-intensive and expensive process. Coatings crack and peel as the wood expands and contracts with temperature and humidity changes and must be totally removed with a paint stripper before re-application.

### **Helpful Information**

#### **Moisture Content:**

- When timbers are harvested and go to the mills, they are hydrated as well as insecticide treated until the dimension process.
- Unless the material are kiln dried, they are bundled, sent to suppliers, then you or your contractor acquires materials that are still wet in the inter area of the bundles.
- Dry time begins after un-bundling at substrate site-forum until a 12% moisture content is achieved.
- In order to ascertain this one will use a moisture meter.
- **Ready Seal** penetration will be inhibited of this benchmark is not obtained, therefore wasting time and product. In conclusion, target goal is 12% for successful application.

## Horizontal Substrates:

- You or your contractor can bleach after construction allowing too dry to 12% moisture benchmark before staining.
- There are natural-organic compounds--lignins--that are present in the wood fibers that lend to only allowing shallow penetration because of their density, but again, as age and exposure break down their properties through expansion and contraction opening the fibers, then accepting the two coat protocol for maximum four year protection of your investment being realized.
- Probably, the third or fourth year, you will be able to apply two coats.

**One more suggestion.** If your pressure treated material is green tinted, you can remove the green by applying oxalic acid. You can acquire at most paint stores. Spray on and allow to dry as the green disappears reaching the desired 12% moisture content. Then apply Ready Seal. Two light coats or one heavy coat.

## Preparation Process

- Surface must be clean of mildew, dust, dirt, oil and grease.
- Ready Seal recommends applying one part bleach and three parts water.
- All previous stains and sealers must be completely removed.
- Caustic strippers must be neutralized thoroughly.
- Rinse thoroughly with water. Before staining, wood must dry for 48 hours or more depending on weather conditions.
- Protect against overspray and cover all plants and vegetation with plastic drop cloth before applying Ready Seal.
- Take special precautions when working around porous stone and concrete surfaces, Ready Seal is a penetrating stain, and will penetrate any porous surface.

**Note:** After cleaning, a water test will determine if all previous coatings are totally removed. If deck materials absorb water and does not bead, then it will receive the two coats!

## Tips and Hints

- Pour buckets with the spout at the 12 o'clock position to avoid sloshing and spills
- When pouring stain into sprayers or other containers, always pour while standing over grass or a tarp, not over driveways or concrete.
- Use cardboard or spray shields to help control overspray.
- Because oil is lighter than water, wetting surfaces such as driveways, patios or plants prior to application prevents unwanted stains on such items. Ready Seal® floats on top of the water, and will not soak into wet surfaces. Rinsing areas again after staining washes away the floating oils.
- Never spray Ready Seal® on windy days.
- Brush areas of fences or decks that are close to a house or garage first. Brushing out a few feet allows for prevention of overspray on brick or siding.
- Always keep a gallon of paint thinner or mineral spirits close by to clean any spills immediately.
- When spraying fences, buy a four foot wide roll of construction paper and lay sections of it right up to the base of the fence. The paper will protect the grass next to the fence from overspray and spills.

## How long do I need to wait for my new wood to dry?

- New Cedar
- 2-4 week dry time depending on temperature, porosity of surface, humidity and geographic location, to adequately absorb of Ready Seal.
- New Pine, Spruce or Fir
- 1-3 week dry time, depending on temperature, porosity of surface, humidity and geographic location, to adequately absorb of Ready Seal.
- New Pressure Treated lumber
- Minimum of 1 month dry time and recommended 2-3 month aging time depending on temperature, porosity of surface, humidity and geographic location, to adequately absorb Ready Seal.

## How much stain do I need?

Wood Type	Sqft/gal
Spruce Fence	150
Cedar Siding (smooth)	150
Cedar Fence	125
Cedar Siding (rough)	125

Pine Fence	150
Pine Siding	170
Treated Pine Fence	150
Cedar Shingles	150
Treated Pine Deck	150
Cedar Deck	175

## The Ready Seal® Advantage

NO LAPS, RUNS, OR STREAKS.

No Cracking, Chipping, Flaking or Peeling.

### Formulation

Ready Seal® is a combination of only the highest quality ingredients. All ingredients used in Ready Seal® work together to penetrate deeply into the wood's surface and protect it against weathering.

Ready Seal®'s unique formulation allows for deep penetration into the woods surface, offering better protection than other available coatings. This deep penetration is compared to paint and solid color stain penetration in Figure 4.1 below.



*Ready Seal®*

*Solid Color Stain*

*Paint*

### The Ready Seal® Application Advantage

Ready Seal® contains all the essential elements of a quality coating for exterior wood projects. Ready Seal® is superior to other products when in ease of application.

Ease of application was in mind throughout the formulation of Ready Seal® to ensure all consumers a hassle-free application, saving time for the contractor and promising a Goof-Proof™ process for homeowners.

### Ready Seal® Stain and Sealer for Wood:

- Requires no primer
- May be sprayed, rolled or brushed onto the wood surface
- Requires no diluting or thinning prior to spray applications
- Requires no back-brushing and Ready Seal® will never leave runs, laps or streaks
- Requires no wet-line application, the product will blend itself
- Requires only 48 hours of drying time
- Requires no specific temperature range for proper application

### The Ready Seal® Maintenance Advantage

To ensure continued protection against the elements of weathering, all wood coatings must be maintained to some degree. Ready Seal® is easier to maintain than other coatings used on exterior wood.

All exterior coatings begin to show signs of weathering after prolonged exposure to the elements. Table 4.3 illustrates the maintenance processes and frequency of maintenance of the different coating types typically used to protect exterior wood surfaces.

Coating Type	Maintenance Process	Frequency
Paint	Sand or scrape to remove flaking, clean wood surface and reapply topcoat when primer begins to show	7-10 years
Solid Color stain	Sand or scrape to remove flaking, clean wood surface and reapply topcoat when primer begins to show	3-7 years
<b>Semi-transparent stains (Ready Seal®)</b>	<b>Clean with detergent and reapply</b>	<b>3-7 years</b>
Transparent stain	Clean with detergent and reapply	1-3 years
Water repellent	Clean with detergent and reapply	6-24 months
Varnish and lacquers	Sand or scrape to remove flaking, clean wood surface and reapply	6-12 months

## Ready Seal® Maintenance Process

Ready Seal® requires minimal maintenance when compared to other products with similar life expectancy. Because Ready Seal® penetrates the surface of the wood and does not form a film, Ready Seal® will never crack, chip, flake or peel. Gradual fading is normal over the life of the product.

### Preventative Maintenance

When Ready Seal® coatings begin to lose color, but have not yet turned gray, maintenance is simple, consisting of:

- A light cleaning with detergent and water
- Let surface dry 48 hours
- Reapply Ready Seal®

### Ready Seal® Restoration Maintenance

When Ready Seal® has weathered completely and the wood has turned gray, more intensive maintenance is required. To restore heavily weathered surfaces:

- Clean the wood surface with 50/50 bleach and water mixture or other wood cleaner
- Rinse bleach or cleaner thoroughly
- Neutralize any cleaners if applicable
- Let surface dry 48 hours
- Reapply Ready Seal®

Again, thank you for letting me share “The Ready Seal Advantage Story” and the opportunity in earning your business! If you have any other questions, please don’t hesitate to contact us!