





Why choose Coral?

At Coral Windows & Conservatories we have the right double glazing products for your home, helping it to look its best and stay warm, quiet and secure.

We offer great-looking, energy-efficient, property-enhancing windows, doors and conservatories and all our windows, doors and conservatories are expertly designed and installed and come with full guarantees.

There are no deposits or stage payments to be made – you only pay on completion of the installation. This applies no matter how small or large the job, and we offer this service to give you peace of mind when choosing Coral windows, doors and conservatories.

Coral is a Fensa (Fenestration Self-Assessment Scheme) registered company and installs to Fensa guidelines. We are also registered with the Federation of Master Builders, giving you peace of mind that we take our work seriously and adhere to strict regulations at all times.



Yorkshire's Favourite

Established for over 3 decades, Coral Windows & Conservatories has become a customer favourite and market-leading firm within Yorkshire.

From our humble beginnings we have focused on putting our customers first and providing excellent service. We do not employ "hard sell" tactics and will never talk you into products that are not suitable.

Our Coral Mill head office in Bradford is also home to our manufacturing plant and showroom, which is one of the largest in the region. We also have showroom sites across the county and strongly encourage our customers to visit us and see how new windows, doors or a conservatory/orangery can transform their home.

No Deposit - No Stage Payments

All jobs, no matter how large or small, are carried out on a no upfront payment basis. We do not ask for a deposit or cash at certain stages – you only pay on completion of the installation. We believe this gives our customers peace of mind about the quality of our products and installation.







A gable-fronted style of conservatory adds a sense of grandeur to any home

With a high roof slope and the same floor space as a Georgian, a Gable offers excellent use of internal space. The front panel of the roof remains upright rather than sloping back to the centre as on a Georgian, creating a feeling of great height within the conservatory.

Conservatories



Classic Cornice decoration



The Georgian design is ever more popular, mainly due to the way it optimises space, as the 90° corners are perfect for sofas and tables.

Many buyers favour the Georgian which is a flat-fronted style that offers excellent use of floor space due to a square or rectangular internal shape

Each side of the roof slopes back to the centre and the resulting contemporary style is suited to the majority of properties.

Conservatories



Victorians are available in:

- **three facet style** – a bay front that has three main windows that give an angled appearance.
- **five facet style** – a bay front with five main windows creating a more rounded appearance.

Victorian is a popular and versatile, yet traditional style of conservatory.

Its distinguishing architectural feature, a bay front, with either an angled (3 bay) or slightly curved (5 bay) front, combined with a steeply pitched roof and ornate ridge details give this style of conservatory a more classical appearance.

Conservatories

A lean-to mono pitch (one slope) style can have a shallow pitch which could fit under a low bungalow eaves, whilst a steeper pitch would match the roof of a terraced or detached house.



The lean-to-style could be for those who prefer clean understated lines.

Traditional or contemporary, this style is ideal for properties with limited space under the eaves or an awkward area in which to fit a conservatory. This flexible style can also feature solid walls at both ends or one end to give a more substantial room like feel.



A 'T' shaped conservatory like this one is classically styled and themes perfectly with the architectural grandeur of the property to which it is attached.

At Coral, architectural design principles are important to us.

Conservatories



Coral can create virtually anything from a magnificent swimming pool enclosure to large commercial extensions; anything is possible due to the flexibility and advanced engineering of the large span glazed roofing system.

Conservatories that are extremely large and require additional support to take the weight of the roof are known as large span conservatories and require a 'portal' framework (support).



Choosing a lantern style conservatory ensures drama and style, representing the grandeur of times gone by. The two-tiered effect adds a new dimension to your conservatory and the extra ceiling height adds to the feeling of light and space.

Lanterns are typically suited to older style period properties and are often chosen for swimming pool enclosures or larger conservatories and can be built in conjunction with a portal support frame.



Conservatories have always been an excellent way for consumers to blur the margin between home and garden, but Coral is taking the idea to a new level with its Veranda glass extension.

A variety of glass extension designs can be created.

Veranda glass extension

The glazing bars in the roof oversail and carry the glass with it, to form a 'cocoon' where you can sit in the garden and be protected from the worst of the elements. The exciting thing is, there are a multitude of creative ways to use the technology.



By using large in- line sliders or bi-fold doors, a much bigger space can be created to enjoy the Veranda making it perfect for family barbeques or parties and you can 'cocoon' yourself from the worst of the elements whilst still sitting in the garden!

Coral can explore all these possibilities with you.



LivinSTYLE is the best of both worlds, combining the light and sky of a conservatory with the walls and ceiling of an extension.

LivinSTYLE is truly multi-functional, creating a pleasant and relaxing space for meditation or it can be a 'full on' family room.

LivinSTYLE

LivinSTYLE is a variable depth insulated perimeter ceiling, giving you an orangery experience at a value price point.



The LivinSTYLE gives you so many benefits:

- This thermally insulated plastered pelmet creates a 'real room' feel.
- Enjoy the light from a conservatory with the feel of an extension - providing greater overall value and the best of all worlds.
- You can maintain light and space by using windows all round, have brick piers to give a greater sense of solidity or use our super insulated columns (see p24-29).
- This real room/living room feel means more styling and furnishing options and the perimeter ceiling is perfect for down lighters.

LivinSTYLE - is it for you?





EVOLution4 can be formed into any shape or roof style. Glazing panels can be inserted virtually anywhere to help you maximise the use of natural light and give you a truly bespoke design.

EVolution4

EVolution4 is the first roofing system designed to give you the flexibility to combine solid and glazed roofing seamlessly. It helps you extend your living space and enhance thermal performance to give you a room that you can use all year round.



- EVolution4 comes complete with the LivinSTYLE perimeter ceiling system as standard, not only providing the perfect place for spotlights and speakers, but it gives the effect of lifting the vaulted ceiling, giving a light airy feel to the new room.
- EVolution4 can incorporate the Cornice - hiding the guttering and giving your conservatory a modern, aesthetically pleasing feature.
- Externally the EVolution4 is finished in urban grey to complement any housing style and give a contemporary look.
- When converting an existing conservatory, EVolution4 solid roof is quick to install compared to other solid roofs on the market and because of its pre-fabricated design, doesn't require any onsite cutting, reducing waste and disruption.

Ask to see our separate EVolution4 solid roof brochure



An Orangery is a bespoke solution to adding light and space to your home

The Orangery is a new take on the traditional atrium-style conservatory, brought up to date with the very latest technology from Coral. This stunning building floods the adjoining rooms with light, whilst the interior height of the Orangery creates a feeling of grandeur that is sure to appeal to the discerning homeowner.

Traditional Orangery

The light, bright and airy interior will add a new dimension to your home and provide a seamless link between your home and garden. Externally the Orangery features a flat roof around the perimeter along with a structural grade aluminium roof capped and clad with low maintenance thermal pvc cappings and claddings.



For those wanting style - with a flat roof element all round to create what some call an atrium roof - the Traditional Orangery is the perfect option.

Choose from either a version with masonry parapet walls or a version with a fascia perimeter, both feature a flat roof around the perimeter.

It provides a touch more privacy than a conservatory due to the brick pillars which distinguish this style. The interior height of the Orangery roof provides a breathtaking focal point through which light floods into your home, and allows for breathtaking views of the sky above.

The atrium itself can have substantial glazing bars for a robust looking solution or glazing panels can be optimised for the maximum view of the sky.



Step under a Platinum roof and be prepared to be amazed.

Glazed units simply seem to float in the sky. The clean, sharp lines with minimum intrusion are possible thanks to the super slim 40mm rafter box profile. Unless it's a Victorian style, there's even no need for a 'boss or hood'.

Platinum Roof

The Coral Platinum aluminium roof leads the way in conservatory and orangery design, giving you the ultimate unrivalled view from your home and extension with superb aesthetics when viewed from above. This combined with strong thermal performance ensures you can use your conservatory/orangery 365 days a year. Whether you're inside looking up, or outside looking enviously in, a Coral Platinum roof puts any property in a class of its own.



Turn your roof into a contemporary architectural feature with a Coral Platinum roof.

The strength-to-weight ratio of the Coral Platinum aluminium profile offers dramatic roof spans, often without the need for tie bars.



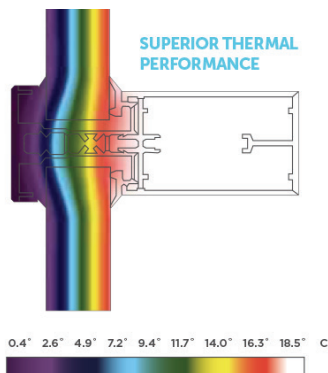
Platinum Roof

Contemporary schemes often dictate minimal intrusion – for instance to maximise open-plan layouts and create high roof spaces. Large spans can be achieved easily without the need for unsightly bolster bars. The Coral Platinum box rafter, similar in appearance to a curtain walling system, is available in a range of RAL colours. For a modern finish, flat roof rafter caps are available in PVCu or aluminium. Coral can create anything you desire with our style of production. The combination of good design and precise engineering means that the Platinum roof can be fitted in almost every conceivable setting.

Step under a Platinum roof and be prepared to be amazed. Glazed units simply seem to float in the sky. The clean, sharp lines with minimum intrusion are possible thanks to the super slim 40mm rafter box profile. Unless it's a Victorian style, there's even no need for a 'boss or hood'.

Key benefits

- Thermally efficient Aluminium roof system
- Great spanning performance
- Minimalist modern design with ultra-low sightlines
- Ideal for orangeries and lantern roofs
- Choice of Aluminium or PVC-u external caps
- Bevelled or flat external caps to suit building design
- Available in virtually any RAL colour



Why compromise excellent double glazing performance? Choose our highly insulated rafters.

The Coral Platinum rafter has a U-value of 1.5 W/m²k which is very thermally efficient. When combined with doubled glazed Low e sealed units (U-value 1.1 W/m²k) the overall Platinum roof has a U-value of as low as 1.2 W/m²k.

Why not turn your roof into a contemporary architectural feature? The strength - to-weight ratio of the Platinum roof aluminium profile offers dramatic roof spans with minimal tie bar intrusion. The Platinum roof offers visible internal elegance.

The Platinum aluminium roof range offers three construction options which provide the perfect looking roof for every property style or scheme. A choice of hidden, rafter or rod tie supports provides the ultimate luxury and flexibility to create the roof you desire.

Extra strong rafters mean that the tie bars can be set higher, guaranteeing excellent headroom and no intrusion into the living area.

Even in large buildings the roof structure remains remarkably minimal, creating a sense of clear, free space under the eaves.



A luxurious interior doesn't come more **AFFORDABLE** than this. We offer you a range of design options, each giving you the ability to improve the look and thermal performance of your home.

Authentica - 1

Authentica -1 is a new type of extension, using as it does off site fabricated super insulated columns in place of on site manufactured brick piers.



An Authentica -1 incorporates the super insulated narrow columns, Prestige insulating pelmet and a central light board, which together address the three main heat loss areas, transforming a conservatory into a thermally efficient Authentica extension. This will keep the room cooler in the summer and warmer in the winter, reducing your heating bills by up to 30% when compared to a standard conservatory.

The central light board itself allows a new range of lighting designs for your extension. This coupled with the option of downlighting in your insulated pelmet will make your extension inviting and welcoming in the evenings too.

Externally the Authentica -1 is beautiful, enhancing any home. The Authentica -1 columns together with the Prestige Cornice create a wonderful look and feel, that enhance old and new properties alike.

Cut-away diagram of a super insulated column

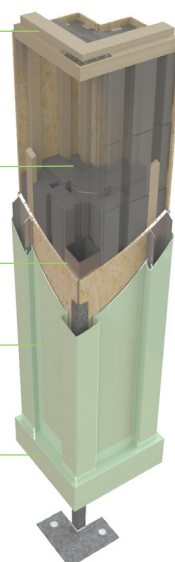
Premier glass roof with Cornice sits on top

Insulation core is styropor carbon enriched expanded polystyrene

OSB board to all sides mechanically fixed to battens (wrapped in breathable membrane)

Powder coated aluminium claddings in a range of 4 standard colours

Various base details available





For a bespoke solution to adding light and space to your home, choose Authentica - 2.

The light, bright and airy interior will add a new dimension to your home and provide a seamless link between your home and garden.

Authentica - 2

With the Authentica - 2 you have at your disposal an exceptional range of design options, each giving you the ability to stamp your own personality on every aspect.



Design options include multiple wide or narrow super insulated columns sitting on or off aluminium plinths, topped with the full Classic Cornice outside, internally insulated with a LivinSTYLE perimeter ceiling, warmed by Authentica panel heaters.

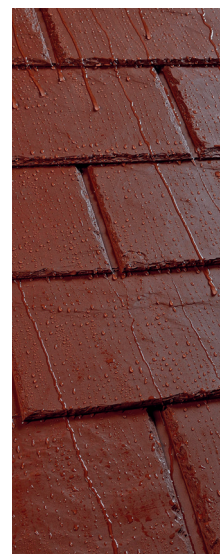
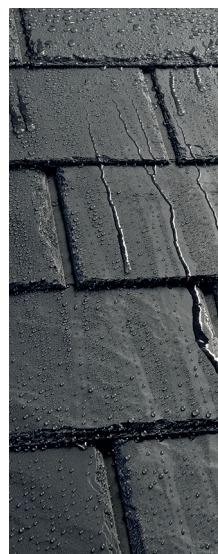
Whether you're seeking a minimalist look or want to maximise the wow factor, you'll have every opportunity to create a stunning Authentica extension to suit your budget and your home.



Perfect for those seeking an extension in total harmony with their home. The vaulted ceiling gives your new living space an even more spacious feel that you will use all year round.

Ultrarroof – Conservatory Tiled Roof

The ultimate solution for either full build or replacement roofs, combining luxury with affordability.



Corals Ultrarroof offers magnificent vaulted plastered ceiling on the inside enhancing the feeling of space with options of glass panels.

Corals Ultrarroof also allows you to integrate huge sliding doors, Bi-folding doors, whole elevations of glazing mixed with masonry walls or brick/stone columns. This gives you total control of the design and layout of your new space, and as much light as you desire.

Step by step installation

Installing a conservatory, orangery or glazed extension is a 'full on' building project. Here is a snapshot of what is entailed.



The proposed site



Space may be required for a skip during the groundwork stage.



The ground is cleared as part of the preparation process.



Footings are dug to a minimum depth of 450mm - this will vary depending on the ground conditions.



The concrete is floated to form a level surface area to build upon.



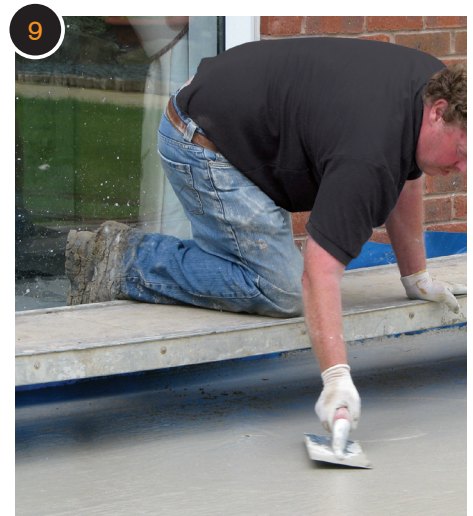
The outer leaf of the cavity wall is built to just below outside ground level.



Floor insulation and a damp proof membrane are laid over the sand.



Concrete 100mm thick is laid to bring the slab up to the finished floor level.



The concrete is floated to a smooth surface level.



Cavity trays may be installed depending on the porosity of the house masonry. Otherwise a standard flashing is used.



The dwarf walls are built to the height agreed and will include insulation in the cavity wall.



The PVCu external cill is fitted to the dwarf wall and the erection of the side frames begins.



On completion of the frames a structural aluminium eaves beam is fitted to the head of the frames.

15



Now the roof is built - the glazing bars are fixed from the eaves beam to the ridge.

16



The chosen glazing panels or sealed units are installed.

17



The glazing is installed into the side frames.

18



The door is glazed.

19



All the finishing touches are added to the conservatory, including the sealing of the side frames against the house wall.

The finished project - STUNNING.



Environmental control

Now you have chosen your Conservatory or Orangery you will want to use it to its full potential. That means you need to give some thought to how you are going to heat it on those cooler days and cool it down on the warmer ones.

Because the weather seems to change so quickly these days you need a system that will react immediately. Coral can offer you the ideal Air Conditioning unit to suit not only your budget but also give you year round comfort with cold or warm air.

Wall mounted Air Conditioning units are popular with most people because they are mounted high up in the room and merge into the background. We also offer a floor level unit for those people who prefer a more traditional position. Whatever your preference Coral have the ideal unit to give you all year round use of your new Conservatory or Orangery.

Now turn over to see how other factors can influence your enjoyment of the new conservatory, orangery or extension.



Authentica vertical radiant panel heater

This vertically mounted electric radiant panel heater is space saving and ultra efficient. It is available in a choice of two colours/finishes which will integrate into most furnishing schemes.

- Fits snug inside a 90° super insulated Authentica column.
- Safe to touch - no fireguards needed
- No plumbing nor pipework
- 'Plug and Play' installation
- More cost effective to fit and operate than under floor heating



Glazed roof features and additional options

There are a variety of factors to consider to ensure you enjoy your new building. Here we explore just some of the considerations.

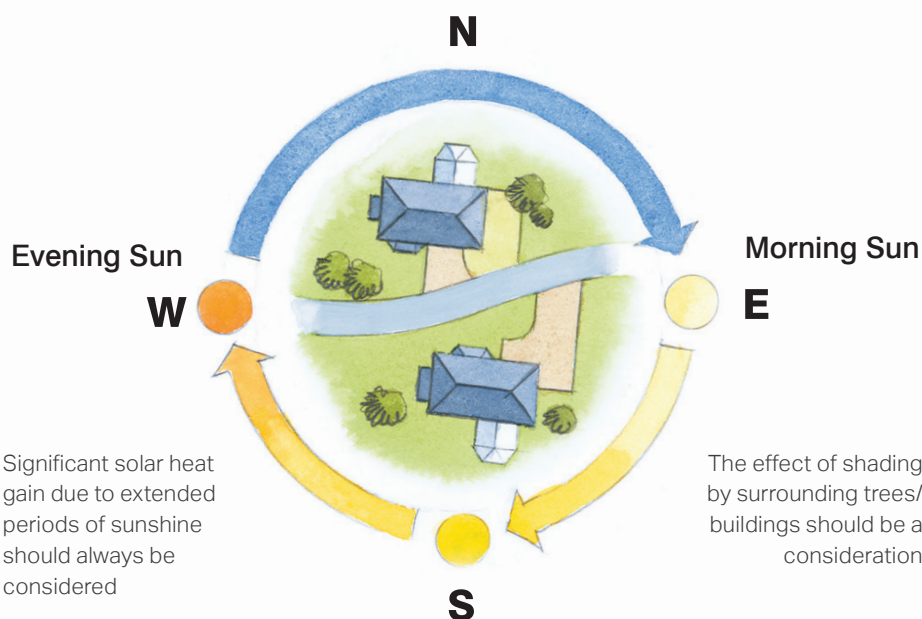
Climate control

It's vital to the maintenance of a comfortable environment - ventilation is often overlooked by some manufacturers, but Coral's roof systems take care of it.

The type of ventilation needed is specific to each conservatory, based on many considerations such as size, shape and most importantly, aspect in relation to the sun. South facing conservatories need to take into account the direct sunlight they receive in summer, whilst north-facing sites need to consider heating options for the colder months of the year. Other factors to consider

include overshadowing of the conservatory from obstacles such as trees and buildings and the severity of wind and snow in your area.

If all this sounds complicated, let Coral help you select the best ventilation options for your conservatory. Ventilation is key within the structure of conservatory roofs, so you can be assured that by choosing a conservatory with a Coral Premier roof you're protecting your conservatory from the elements and the potential for problems. By specifying a conservatory with a Coral roof, you will be able to benefit from these ventilation features and enjoy your conservatory more of the year and your conservatory will have a long, trouble-free and low maintenance lifespan.



High performance glass

If you're specifically wanting to bring a lot more light into your home, then a glass roof is the right choice for you. High performance roof glass works by deflecting heat from the sun in Summer to keep the inside of the conservatory cooler and by retaining the warmth from heating appliances in the Winter. It also features a true self clean coating that uses the power of the sun to break down organic deposits and then uses rain water to wash most of it away.



Opening roof vents

Better than a window, a roof vent is a fast and effective way of allowing warm air to leave your conservatory. Our roof vents are supplied with either manual or electric openers. If you opt for electric openers then thermostats and rain sensors will allow for automatic opening and closing.



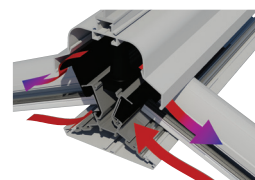
Rain sensor and thermostat.



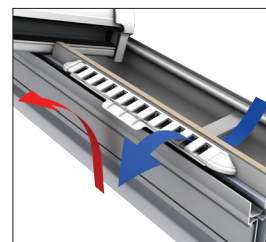
Pole operated screw jack mechanism

Trickle ventilation system in the ridge and lean to wall plate

As warm air rises, Coral have developed a ventilation system to allow this air to escape via the roof, minimising the possibility for condensation to form.



Eavesflow



A trim that fits between the wall sideframe and roof, with built-in ventilation and a slider on/off control button.

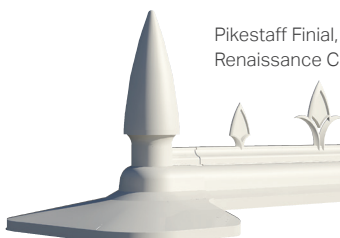
Crestings & finials

Crestings and finials are the decorative fittings that run along the top of your conservatory roof. There are options to suit all tastes. Mix and match your choices or have none at all.

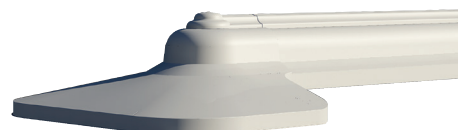
Ball Finial,
Low Profile Cresting



Pikestaff Finial,
Renaissance Cresting*



No Finial
Low Profile Cresting,



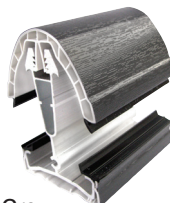
Colour options

The foil laminated products used on major items in the roof and on the PVC side frames, have a real woodgrain texture to add a further dose of character. The products can be coloured one side or both, with the possibility to mix colours between the outside and the inside. Can't see the colour you want? Ask for a bespoke colour and we'll paint the conservatory in our factory!

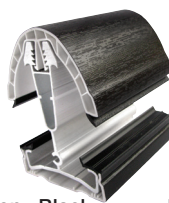
And lets not forget about standard white and the two traditional colours Light Oak and Rosewood. Colour applied correctly has a profound positive effect on your wellbeing. It strongly influences how we interact with each other and our surroundings... so do you stick to conventional conservatory colours and finishes or do you choose something different?

Here is a selection of our standard 'foiled' colours

(Transom bar top cap shape is domed on coloured foils)



Grey
Paint matching:
RAL7016



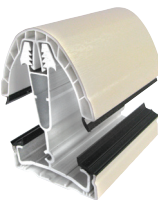
Ebony Black
Paint matching:
RAL8022



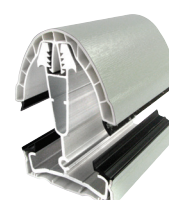
Irish Oak
Paint matching:
RAL1011



White
Paint matching:
RAL9003



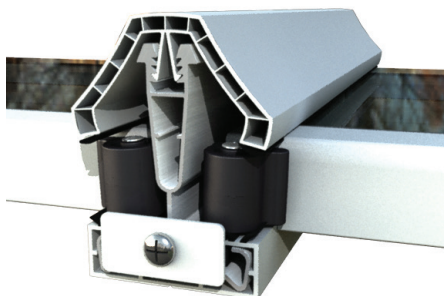
Cream
Paint matching:
RAL9001



Sage Green
Paint matching:
BS14C35

Window/roof interface

On Coral's Premier roof we use a decorative trim at the interface of the side windows and roof - the perfect finish.



Bevelled shaped chambered top cap
as standard on transom bars

Highly Insulated

The Premier Roof is the most insulated glazed roof that it is possible to buy. For example: The bars that run between the panels in the roof of your conservatory are covered with protective top cappings and through the use of chambered technology aid the thermal efficiency of the roof.



Tie bars

A tie bar is sometimes specified to help support the weight of a large roof or one that is fitted with glass. The position of the tie bar is dictated by engineering principles, and so they must be fitted. See p14 for a large picture of a roof featuring a tie bar. Coral, however has developed a range of structural components to remove the necessity of tie bars in many projects. Please speak to us to find out more about this option.

Pictures are for illustration purposes only.
Detailed moulding and colours may change depending on stock levels.



The Coral Fish. The fish lives in the Coral Reef and feels safe and secure. In nature the fish protects the Coral. In our hands the Coral Customer is safe and secure, in return the Customer gives life to Coral.

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