



# 10 Problems 1 Solution

#### 1 Leakage

Every building faces the dreaded issue of water leakage at some point or the other. This is one of the major causes of other common building defects so much so that if water leakage could be prevented, almost 80% of other building defects can be eliminated.

**Cause:** Leakage in the drainage pipes of the upper, adjacent water supply pipes, seepage of waste water or rain water through external walls.

Smart Solution: Hydrophobic Technology & Smart Breathing Paint

#### Dampness

Dampness is another issue that commonly ails buildings. Such structural dampness is caused by the presence of unwanted moisture in the structure of the building, either as a result of rain or condensation from within the structure itself.

**Cause:** Poor quality of construction material, bad design, faulty construction or bad workmanship and of course the weather can cause dampness.

Smart Solution: Hydrophobic Technology & Smart Breathing Paint

#### Efflorescence

Efflorescence happens when crystalline deposits of soluble salts, usually white in colour, start to appear on the surface of the wall. These usually comprise of Sodium, Potassium, Magnesium, Calcium, iron and so on.

**Cause:** It is caused by the migration of lime water molecules  $(Ca(OH)_{\alpha})$  to the surface of the damp external render.

Smart Solution: Smart Quartz Shield & Hydrophobic Technology

### Money Comb

Honeycombs are hollow spaces and cavities left in the concrete mass on the surface or inside the concrete mass where concrete could not reach. These look like a honey bee nest.

Cause: Improper vibration during concreting, poor workmanship.

Smart Solution: Smart Breathing Paint

## • Damage by CO<sub>2</sub>

When carbon dioxide in the air comes in contact with soluble salts and moisture in the wall, it forms carbon monoxide. This effects the integrity of steel and concrete in the structure.

Cause: Serious damage caused by corrosion to steel structure.

Smart Solution: Smart Breathing Paint

#### **6** Peeling & Flaking

Loss of adhesion of the paint film caused by high levels of moisture that penetrate the film and eventually push the film away from the substrate. Flaking is an early stage of peeling.

**Cause:** Poor surface preparation and/or applying too thin a coat of paint. Excessive moisture in a home due to a high levels of humidity in the basement or foundation.

Smart Solution: Hydrophobic Technology & Smart Breathing Paint

#### Chalking

Chalking is the formation of fine powder on the surface of the paint film due to weathering and excessive exposure to UV radiation.

Cause: UV radiation exposure leads to chalking which can cause colour fading.

Smart Solution: Smart Cool & Fade Proof Technology

#### Mould

Mildew grows mainly in damp, humid, or moist areas of your home but the best form of prevention is using mildew-resistant paint.

Cause: Moisture penetration and presence in the wall is the key cause of mould growth.

**Smart Solution:** Smart Hydrophobic Technology & Anti-Mould Technology

### Surfactant Leaching

Concentration of water-soluble paint ingredients called "surfactants" on the surface of latex paint. May be evident as tan, brown or clear spots and can sometimes be glossy, soapy, oily or sticky.

**Cause:** Cool temperatures will retard the paints curing process, which can allow surfactants to separate out and float to the top of the coating.

Smart Solution: Smart Quartz Shield

#### Algae Growth

Algae and fungus can grow when the surface is continually damp and dirty. Insufficient fungicide and algaecide in the paint can also worsen the situation.

Cause: Water penetration and dampness in the wall.

**Smart Solution:** Smart Hydrophobic Technology & Anti-Algae



introducing —

# Smart Quartz Paint

With Skora, we bring to the forefront a revolutionary offering – a state-of-the-art Smart Quartz Paint.

This Smart Quartz Paint technology has been developed by Skora through rigorous research and development that finally resulted in a coating system that possesses a unique set of attributes like no other in the industry. A product that is all set to turn from only so much so as a dream to a sustained and dynamic demand.

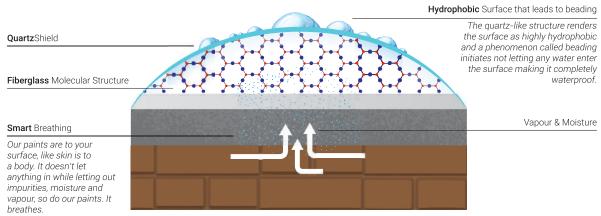


Our Smart Quartz Paint technology allows our quartz paint to penetrate deep into the surface of the substrate which further renders the penetrated region extremely hydrophobic in nature, turning it waterproof. This is attributed to the Quartz-like structure of our Smart Quartz Paint formed by the fiberglass technology that acts like a crystalline shield against moisture.

With its distinct permalast attributes and the neverseen before Quartz-like structure, it acts like a layer of second skin on the surface and renders it breathable for only a one-way transfer of vapour and moisture making the substrate waterproof.

The biggest enemy for structures that are coated with paint is in fact organic elements like water and sunlight. Skora's Smart Quartz Paint even though is natural, organic & water-based, fights water and harmful radiation with all its might. Our Quartz-like structure and breathable layer is what is found to be the solution to all paint troubles that users face. Right from chalking, flaking, fading, cracking, to efflorescence and recurring fungus and algae, our paint takes care of it all for a lifetime.

And that's a guarantee!



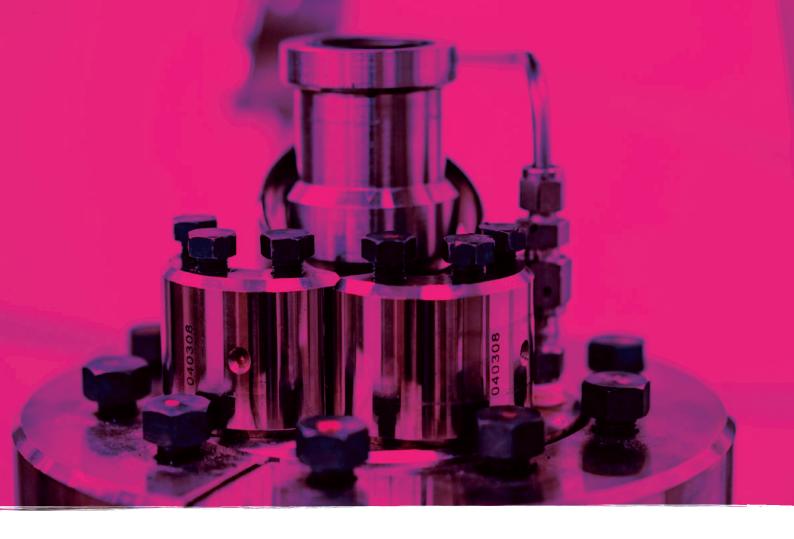
Kadam

Cross Section of an Exterior Surface\*

The Quartz-like structure, creates a dry zone beneath the coating which prevents harmful algae and mould from forming. The Smart Quartz Paint technology, while rendering the surface of the substrate hydrophobic, does not block the pores of the substrate like film coatings would. This unique property of the Smart Quartz Paint therefore, allows any existing moisture beneath the surface to easily escape the substrate rather than being locked within which would cause problems related to dampness over time. This smart attribute of our Smart Quartz Paint allows cement based substrates to cure fully and

build strength over time. The dry zone created beneath the surface by our Smart Quartz Paint protects the surface from salt and alkali attacks as well as prevents the formation of mould and algae that thrive in damp areas which ultimately degrade the integrity of the structure. Due to the hydrophobic nature of our Smart Quartz Paint, surfaces are rendered with a self-cleansing technology that washes away dirt and dust particles during rainfall. This is owed to the high beading effect of our Smart Quartz Paint that prevents water from penetrating the surface and rather lets it roll down the surface while taking

the dirt with it. IR radiation absorption causes surfaces to heat up which, in case of painted surfaces, causes paint to crack, flake and eventually chip off the surface. Our Smart Quartz Paint technology prevents this by reflecting IR rays. It also thus prevents UV radiation from causing the Smart Colours to fade as UV rays penetrate paint coatings through cracks in the surface. With the substrate kept cool and safe < from cracking, UV radiation too cannot harm the hopaint quality over time.



# The Paint— that breathes

Typical acrylic film based coatings are closed in nature which act like a barrier for water going in and out, locking existing moisture inside the wall. This locked moisture escapes the wall eventually in the form of dampness, leakage and efflorescence by bringing with it salts and attracts algae, moss, mould and mildew formation. This eventually degrades the integrity of the wall as well as the paint over time both aesthetically and physically.

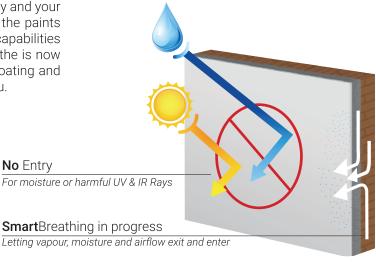
To prevent this, we designed our Smart Breathing Paint to have an open porous structure that allows moisture to escape as vapour. With a precise porosity tolerance, it lets out water only in the form of vapour which is not harmful for paint.

Simultaneously however, our Smart Quartz Paint technology forms a Quartz-shield that develops a repellent nature for the surface of the substrate that does not allow water to get in to the wall itself as it's rendered hydrophobic which leads to a spectacular water beading formation and a waterproof surface.

## **Smart** Breathe

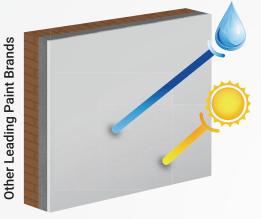
Our paints are to your surface, like skin is to your body. Just like your skin sweats by letting out impurities and moisture to cool your body, it doesn't let anything permeate. So does our paint, it breathes.

Just as how breathing is an integral part of your body and your skin, so it should be for every structure and hence the paints and coatings that go onto it. Due to the outstanding capabilities and attributes it lends to the structure, Smart Breathe is now one of the most basic necessities of any paint or coating and hence each of our products can breathe, just like you.





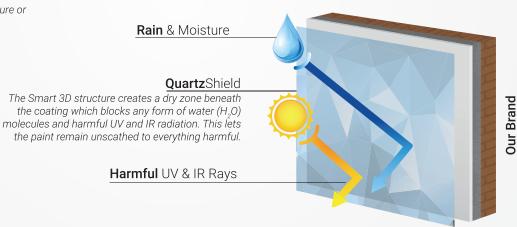
## **Quartz-Shield** Technology

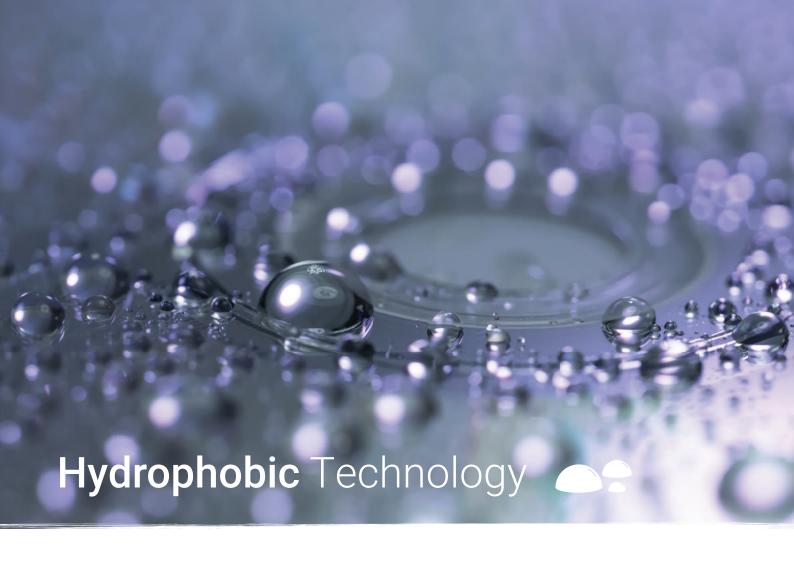


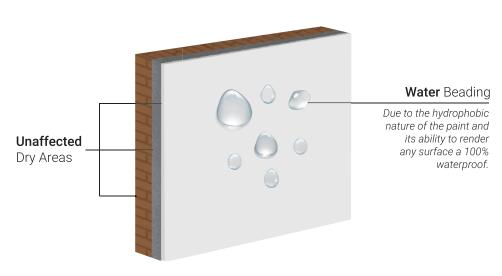
Ordinary paint doesn't prevent penetration of rain water, moisture or harmful UV & IR Rays.

Our R&D teams made a path-breaking discovery of how Fiberglass and Quartz technology serve best for a water resistant coating formula to promote active waterproofing.

Using fibreglass dioxide with key ingredients we created a revolutionary paint that adopts all properties of Quartz, rendering the paint a shield with permalast attributes. Quartz being one of the most inert and durable substances found on earth, the 3-Dimensional Structure of alternating Silicone and Oxygen atoms protects substrates from weathering by building an unbreakable shield on any structure rendering it waterproof.





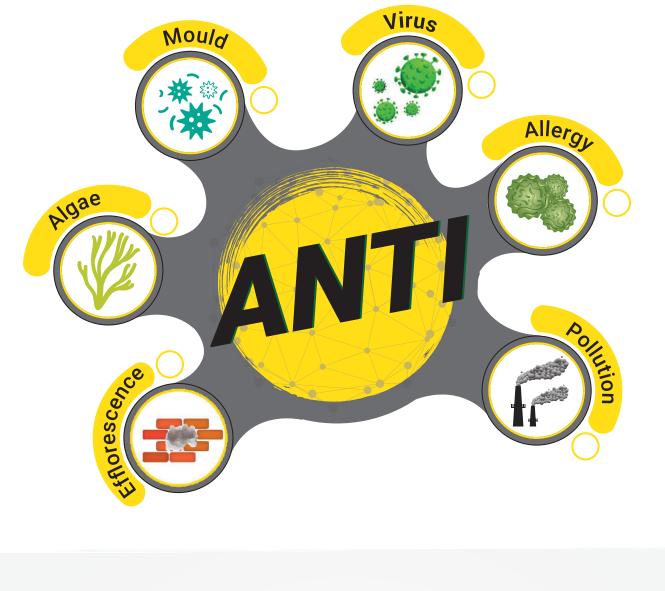


Skora's Quartz-shield makes our paints highly repellent against water penetration. This Quartz-like structure prevents moisture from soaking into the surface which prevents formation of harmful elements like mould and algae that thrive in damp areas and ultimately jeopardise the integrity of the wall and the paint.

That gives our paint a high beading effect in every weather, even extreme rainy conditions that lets water roll off the

surface of the wall without allowing it to get absorbed beneath the surface. Because this unique technology is not film forming, it lets the wall release existing moisture inside the wall in the form of vapour letting the wall "breathe" like actual skin.

Our Smart Hydrophobic technology essentially extends the life of our paint and the wall to last a lifetime by faithfully fighting against any form of water and moisture.



Moisture is the root cause of most issues related to paint like peeling, flaking or chipping off. Conventional paints are ill equipped to handle any moisture and therefore tend to degrade quickly after you've just painted your walls. Our Smart Quartz Paint technology on the other hand, is cleverly designed to repel any moisture from the

Surface of the wall making it waterproof as well as allows internal moisture to escape as vapour through our Smart Breathing paint technology.

Our Smart Quartz Paint creates a dry area under the layer of paint that prevents the formation of mould, algae and other harmful elements that not only ruins the beauty of your walls but also affects the structural integrity of the walls over time. This is how Skora protects your substrates.

This not only protects your building's health both physically and aeshetically but also takes care of the health of those who live/use the structure due to extremely high anti-allergy properties.

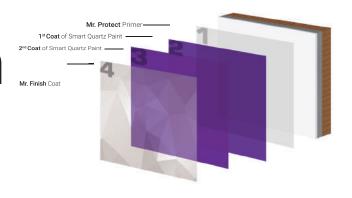


## Quad Coat System

## Smart coatings for **Vertical Walls**

At the heart of our Smart Quartz Paint Solution lies our Smart Quad Coat System. This coating system consists of 4 integral layers that form the protective barrier between your walls and the elements of the outside world. Each of these layers form a symbiotic bond of an impenetrable quartz like structure to make any masonry surface hydrophobic, waterproof and durable.

All these layers form our impenetrable Quad Coat System which in spite of having up to 4 layer allows the wall to breathe while being completely waterproof.



Layer Analysis of the Quad Coat System

The first layer is Mr Protect Primer, a clear single coat priming agent that gets absorbed by the substrate and prepares the application surface for painting.

The next two layers are the two coats of Skora Smart Quartz Paint that create a thick barrier over the surface. These layers provide the rich and radiant shades of our Smart Colours to your walls. Due to the unique formulation of our Smart Quartz Paint, these layers of paint do not lose their Dry Film Thickness (DFT) over the course of time.

The final layer in our Quad Coat System is Mr Finish, a finishing coat that seals the layers of paint and primer for added protection against the elements. This layer is colourless and fortifies the hydrophobic nature of our Smart Quartz Paint.



Mr. Protect
SMART EXTERIOR
COLOURLESS PRIMER

#### **New Surface Coating**

Apply 1 coat of Mr. Protect with dilution of water with the ratio of 1:9

Coverage 40 - 60 sq.ft./ltr/coat

#### Re-Coating

Clean the surface area with jet pressure of upto 125 bar. If there is presence of algae and fungi, use method of biowash to do thorough cleaning.

Let the surface dry for 6 hours and then apply single coat of Mr. Protect with 1: 9 dilution.

Coverage 60 to 80 sq.ft./ltr

2



Mr. Perfect
SMART LUXURY EXT
QUARTZ PAINT

After application of Mr. Protect, take a break of 6 hours, allowing the first coating to dry.

Then after 6 hours, apply first coat of Mr. Perfect with 20% of clear water dilution.

Coverage 60 to 70 sq.ft./ltr/coat



Mr. Crackheal SMART EXTERIOR CRACKHEALER After application of the first coat of Mr. Perfect, take a break of 3 to 4 hours, allowing the first coating to dry.

Then afterwards, fill the cracks with Mr.Crackheal with strong filling capacity for cracks of up to 2mm to 8mm width.

3



Mr. Perfect SMART LUXURY EXTERIOR QUARTZ PAINT Allow an interval of 6 hours, after crackfilling. The apply second coat of Mr. Perfect with 20% of clear water dilution.

Coverage 60 to 70 sq.ft./ltr/coat

The Field State of the State of

Mr. Finish SMART EXTERIOR FINISH

After application of second coat of Mr. Perfect, take a break of 6 hours, allowing the second coating to dry.

Then after 6 hours, use spray / roller / brush to apply Mr. Finish with dilution of water with the ratio of 1:14.

Coverage 80 to 100 sq.ft./ltr/coat



# **Smart**Coatings for

## **Stone and Tiles**



If the surface is made of stone or tiles, apply two coats of Mr. Finish directly on the surface. Apply wet to wet two coats with dilution of water with the ratio of 1:9

Coverage 70 to 80 sq.ft./ltr/coat



## **Smart** Coatings for **Interior Walls**

1



Mr. Smooth
SMART WHITE
CEMENT PUTTY

If the wall has new plastered surface, please spray water on the walls to make it wet. And then apply 3 coats of Mr. Smooth white cement putty.

2



Mr. Super SMART INTERIOR ACRYLIC WALL PUTTY

If the wall has POP surface, then directly apply 2 to 3 coats of Mr. Super acrylic wall putty

3



Mr. Homegward

SMART INTERIOR ACRLYIC

WATERBASE PRIMER

After application of coats of putty, apply one coat of Mr. Homeguard primer.

4



Mr. Grande
SMART LUXURY INTERIOR
QUARTZ PAINT

After application of primer, sand the surface properly. Then apply 2 to 3 coats of Mr. Grand Luxury Emulsion paint with dilution of water upto 20% to 30%. Sand surface the area, each time you apply a coat.

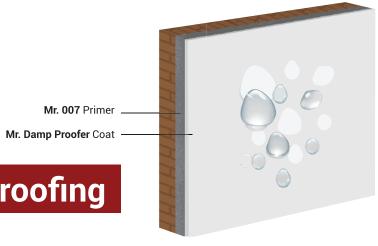
Coverage 80 to 100 sq.ft./ltr/coat



## **Smart Coatings for**

**Horizontal &** 

**Sloping Slab Waterproofing** 





Clean the surface area with high pressure of jet spray. Allow it to dry for 6 hours.

After the interval of 6 hours, apply Mr. 007 coat with grey cement and water with the ratio of 1:1:1



Mr. Damp Proofer SMART **WATERPROOF** ROOF COAT After the break of 6 hours, apply 3 coats of Mr. Proofer with 20% dilution of clean water. Take interval of 6 hours every single coat.

Coverage 20 to 25 sq.ft./ltr/coat



# QUV Weathering Test Results—

Our Smart Paint is the result of rigorous research and testing carried out by experts to tackle the need for a long lasting paint solution in typical Indian climate. To best ensure that our paint is of the highest standard of quality, we put our Smart Quartz Paint through a gruelling QUV tester to ascertain how well our paint solution performs against the elements.

The QUV tester reproduces the typical effects of weathering on substrates that are placed inside the tester. It has the capability of simulating years of weathering over just a few weeks through its accelerated simulation cycles. For the test we placed several slabs of substrate within the tester, one coated with our Smart Quartz Paint and the rest coated with one of the best paints from various brands available in the market. The QUV tester put the test samples through several cycles of simulated sunlight, rain and humidity that equated to more than 15 years of simulated weathering. The results showed that our Skora Smart Quartz Paint sample retained its colour, thickness and integrity without any signs weathering like yellowness, mould, algae or fading. The other test samples of other paints in the market however had already started to turn yellow after the initial cycles and had clear signs of weathering by the end of the testing.



Of rigorous weathering and testing but emerged unscathed.

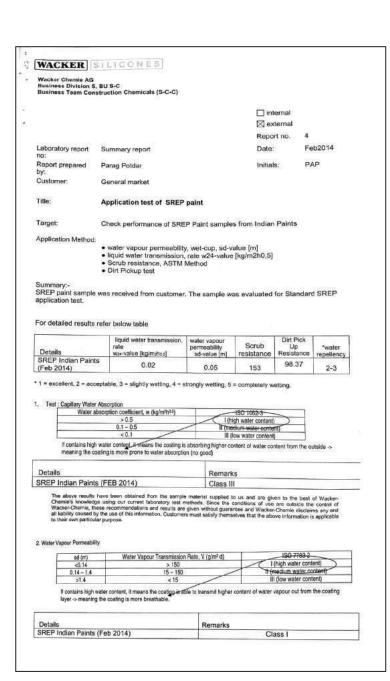
Other test samples of paint on the other hand didn't last beyond.



**Other Leading Paints** 

## Grey Scale ratings after 3000 hrs. as per ASTM G 154 test method

White Base Panels of Skora Product	Rating	Observations
SKORA MR. PERFECT COAT	4-5	Chalking Observed

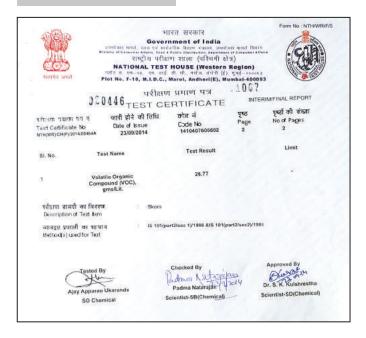


# Test \_\_\_ Reports

Sample of our paint was evaluated for Standard SREP application test by Wacker Silicones, and the report shows that our hydrophobic and breathable technology is strong to be water repellent.

Also, National Test House (Western Region) evaluated Volatile Organic Compound (VOC) for Mr. Perfect and Mr. Proofer, wherein the report indicates that our products have Low VOC.

#### VOC test for Mr. Perfect



#### VOC test for Mr. Proofer



## Awards \_\_\_\_\_ And Honours



Gold Award for Excellence in Technology and Business Prestige International Quality Summit, New York 2017.



District Award for Excellent Businessman Industrial Gaurav Awards By Government of Maharashtra, 2013.



Emerging Brand of the Year Realty+ Interior and Exterior Awards, 2019.



Outstanding Performance of the Brand Lalit Doshi Memorial Award by Government of Maharashtra, 2018-19.

# **Certifications**And Achievements

We achieved certifications Assessed and Certified by Nimsswiz Certifications Pvt Ltd.



CE MARK for Hydrophobic Paint



ISO:9001:2015 (Quality Management System)



ISO:45001:2015 (Occupational Health and safety Management System)

## FAQ

## FREQUENTLY ASKED QUESTIONS

## 1 What's the difference between normal acrylic / elastomeric paint and a Skora's Smart Paint?

The quality of an exterior paint isn't just measured by the colour, vibrancy and finish that it achieves but also by the amount of time is protects your walls. Skora external wall coatings last over 12 years. Even the best masonry paint lasts 5 or 7 at the most!

Most paint however, that your local painter and decorator will supply, has usually a finite lifespan of around 5-7 years only, and is essentially colored water, providing no long-term weather resistance at all. Our Smart Quartz Paint on the other hand has been specifically developed to protect walls as well as beautify them over a long period of time. Our paints last well beyond the average paint which ultimately proves to be more economical than having to spend on repainting year after year.

The wall coatings used by us are hydrophobic and breathable, and having it on your home is like paiting two times with ordinary paint. Because over the period of 12-15 years, if you use other brand, you need to paint two times, while with Skora you need to paint only once. This means you directly save one time cost and not only do you get 2 times what your painter could supply, it also lasts 2 times as long!

## Why should I choose Skora's Smart Paint?

We can't and won't force or coerce you to choose us over another home improvement company, the decision is up to you. To reassure you, we started in the industry at the very bottom, many years ago, in fact way back in 1998. Since then we have completed almost 5000+ projects. And we have made almost 20000+ customers satisfied by our smart product and smart service.

Unlike many wall coatings companies, we do not use subcontractors, all teams work for us only. In addition, many wall coating companies purchase generic branded coating materials that are made with cheap alkyd resins acrylic binder, but with years of research and technology poured into the development of our superior Smart Quartz Paints, we formulated the most durable and hard

wearing textured coatings available to offer further waterproof protection for your walls with a 100% guarantee to last a up to 12 years.

If you want your house painted by experts, if you want the best customer service, if you want the best quality materials used, choose us.

Remember, most wall coating companies in the India offer zero warranty, but we offer a 12 year guarantee, and since we have been doing this since 1998, we know for certain our coatings last as long as we say they do and they are subject to accelerated weather tests by an independent organization.

We are also able to paint your house 12 months of the year, not only during the warmer weather. Unlike a typical paint job, the waterproof nature of our paint holds true even during the painting process which allows the paint to keep dry even in heavy rainfall. So no matter what time of year, you can have the outside of your home painted! Remember to always choose the best and the smart Skora product each and very time.

## 3 Can I buy and/or apply your products myself?

Sorry, no, we do not sell DIY products, we are a product as well as service provider. Your local dealer or painter also cannot buy or apply our systems.

Our Smart painters have undergone hours of training to follow all the protocols and instructions mentioned in the process so that we can always control quality.

Our Smart Quartz Paint has been developed using our very own Quad Coat Technology. As the name suggests, this involves the application of 4 crucial layers of coating that consist of 1 coat of primer, 2 coats of paint and 1 final coat of finish. All of these coats if applied smartly, they work together to create the best possible waterproofing solution for your walls.

## 4 What wall coating services do you offer?

The main focus of our everyday work involves repairing, rendering and painting, the exteriors of Residential, Commercial, Hospitality, Educational, Medical and Religious buildings

Our external and internal wall coating systems are suitable for all types of wall and essentially are hydrophobic, breathable, durable, weatherproof and decorative finishes.

All our smart paint systems are applied by our own teams, not sub-contractors or local painters.

As part of all systems offered, we do a full repair program as part of the work, which includes rendering, crack repairs, alterations, damp proofing and generally making good of the house exterior and interior.

### 5 What is the advantage of Skora's Smart Breathable and Hydrophobic Techonology?

Having us repair and paint your house with Smart Quartz Paint will bring many advantages and benefits to both your family and the house itself. Most importantly, repainting of the property is not needed for up to 12 years.

As the paint system we use does not need to reapplied for at least 12 years, you will save money in not having to get the house painted over time.

The painted surface remains cool, reducing the need for artificial cooling systems inside homes and buildings which promotes sustainability as well as energy saving and your home will be more comfortable. Your house will of course look fabulous from the inside and outside too!

If your house has cracks, damp areas or any other problem, that will be cured permanently, creating a more healthy environment for all your family and pets.

## 6 So if I contact Skora, what happens next?

Our team will speak to you first (by phone or email) at your request, to find out your requirements. Our experts will then arrange a date and time to visit your house or building to a show you a demo and to conduct a survey and measure the property. Then expert team will prepare a written specification and quote for you.

Our smart team will also point out any problems you may have on the outside of your house such as algae growth, damp patches or cracks etc. and explain what has happened and how we can fix it. Our smart team will also show you samples of our product and photos of previous jobs.

We then work out a suitable price quotation for you. This will be a guaranteed price with no hidden charges or surprises. Then when you decide to go ahead and have the work done, our smart team will prepare some simple paperwork with you, outlining exactly what work we are doing to the house, and for a fixed price. If your house has cracks, damp areas or any other problem, that will be cured permanently, creating a more healthy environment for all your family and pets.

## 7 How much do your wall coating and house painting services cost?

If you want to know about prices, no problem. We are happy to give an estimate of cost over the phone, for having your house painted, rendered, repaired or wall coated, and the call is without obligation!

To speak to a team member today, please call us any time on +91-7387069411. If you need a more exact estimate, you can email us, providing photos if that helps, and your contact number, however, please note the final price would be subject to a survey to ascertain the exact cost before we agree to do the work on your home for a certain cost.

This would be confirmed in writing. Quotes and estimates via email only are not normally possible.

## 8 What is the 100% Guarantee provided by Skora?

We are first to deliver 100% Guarantee to you.
All workmanship and materials come with a:
12 year guarantee for New Construction
10 year guarantee for Construction within 15 yrs
7 year guarantee for Construction between 15-25 yrs
05 year guarantee for Construction above 25 yrs
We will issue to you a warranty upon completion of the job and upon receiving payment in full.

## 9 Do your teams follow safety protocols while accessing the inside of my house?

Yes, all our Smart painters and experts come fully equipped with everything they need to do the job and have the minimum impact on your daily life. They are trained to follow all the safety protocols to maintain the healthy environment of your building/house and all the surrounding.

## 10 Can I expect a Return On my Investment (ROI)?

Of course Yes! Money spent with us is money well spent as any surveyor will tell you that a property that is both weatherproofed, resistant to damp, and with a maintenance free exterior and interior that looks really good, will increase the integrity and value of your house. The guarantees issued are also transferable to any new owners when you sell in the future, giving your home a unique selling point that your neighbors simply won't have.

Trust/in the paint of the future Smart Quartz Paint by Skora



Manufacturing Facility Plot No. H-15, Old MIDC, Satara - 415004 Maharashtra, India

Happy to hear from you any time at reachout@skoracoatings.com