JOTUN

Architectural Powder Coatings

Jotun’s History

100 PROUD YEARS OF BUSINESS

1920

Established by Odd Gleditsch sr.

1930s – '50s

Domestic growth

1960s – '70s

The pioneer years and consolidation

1980s – '90s

Faster international expansion

2000s

Accelerating growth & consolidating leadership positions in various parts of the world

2020s

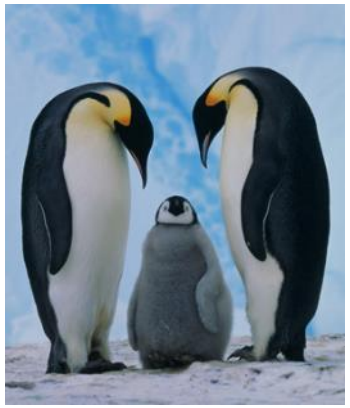
Breakthrough innovations and ambitious sustainability goals

JOTUN
PROTECTS PROPER

Sustainability is an integrated part of our strategy.

We conduct business based on our values in the interest of our customers, suppliers, employees, shareholders, environment and society.

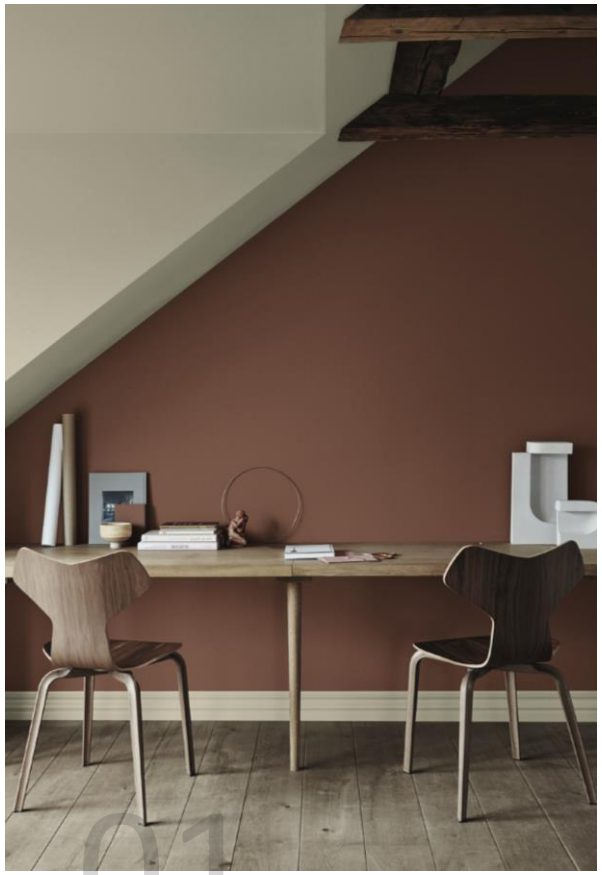
Loyalty



Care

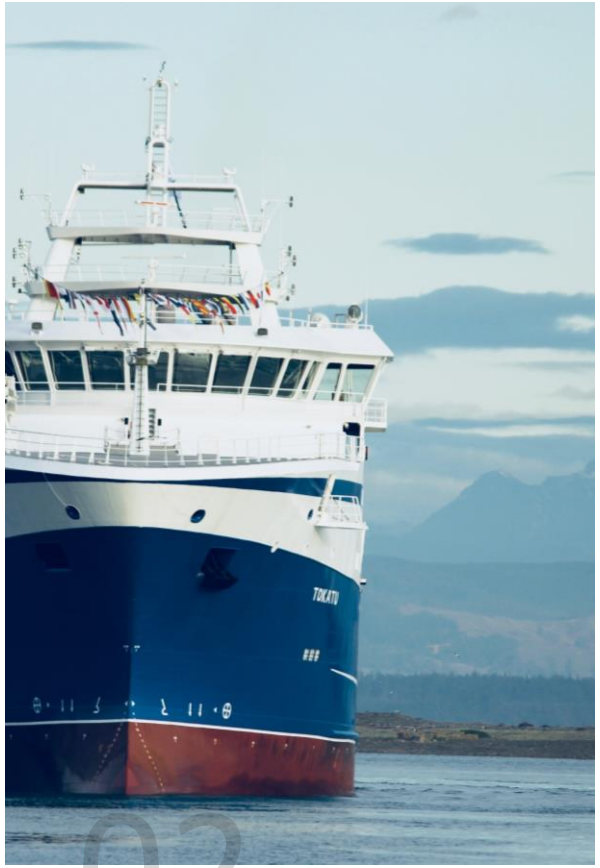
Respect

Boldness



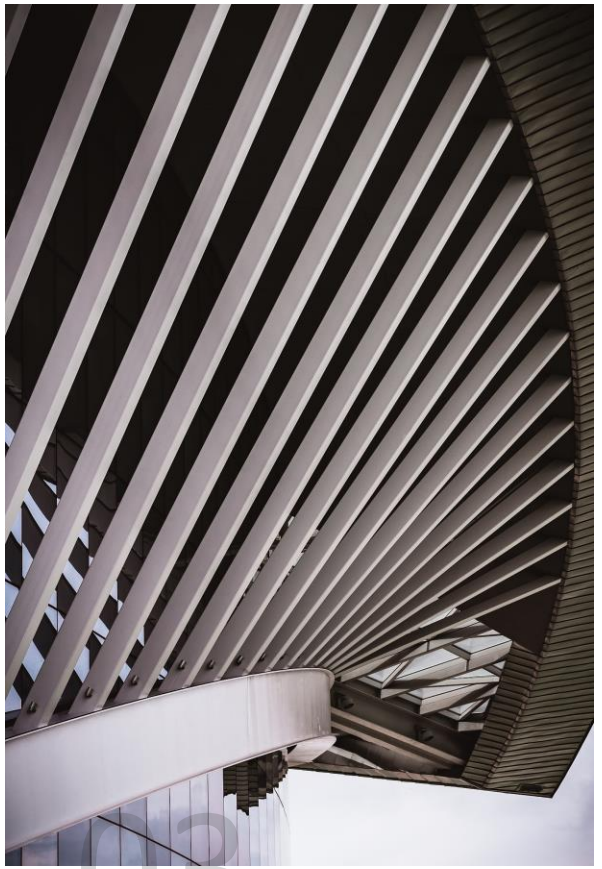
01

DECORATIVE PAINTS



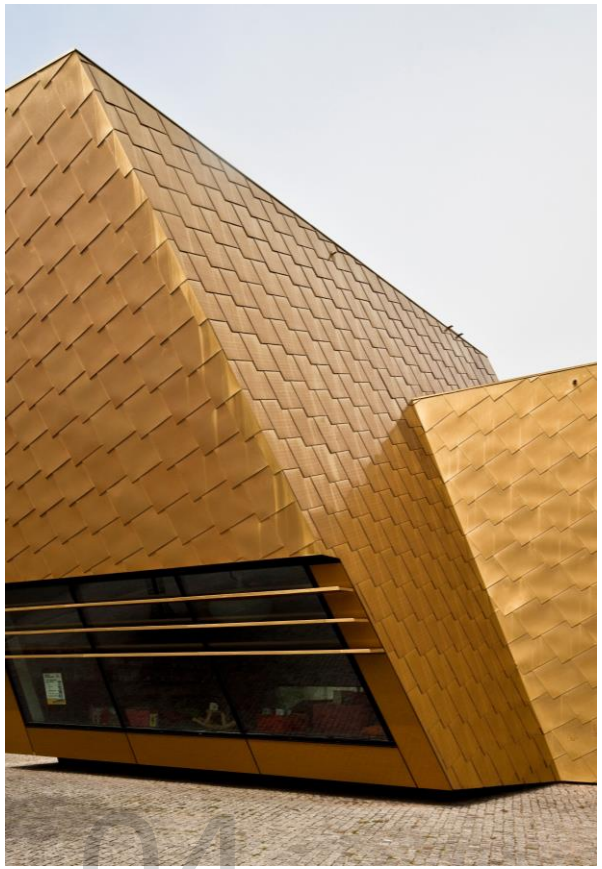
02

MARINE PAINTS



03

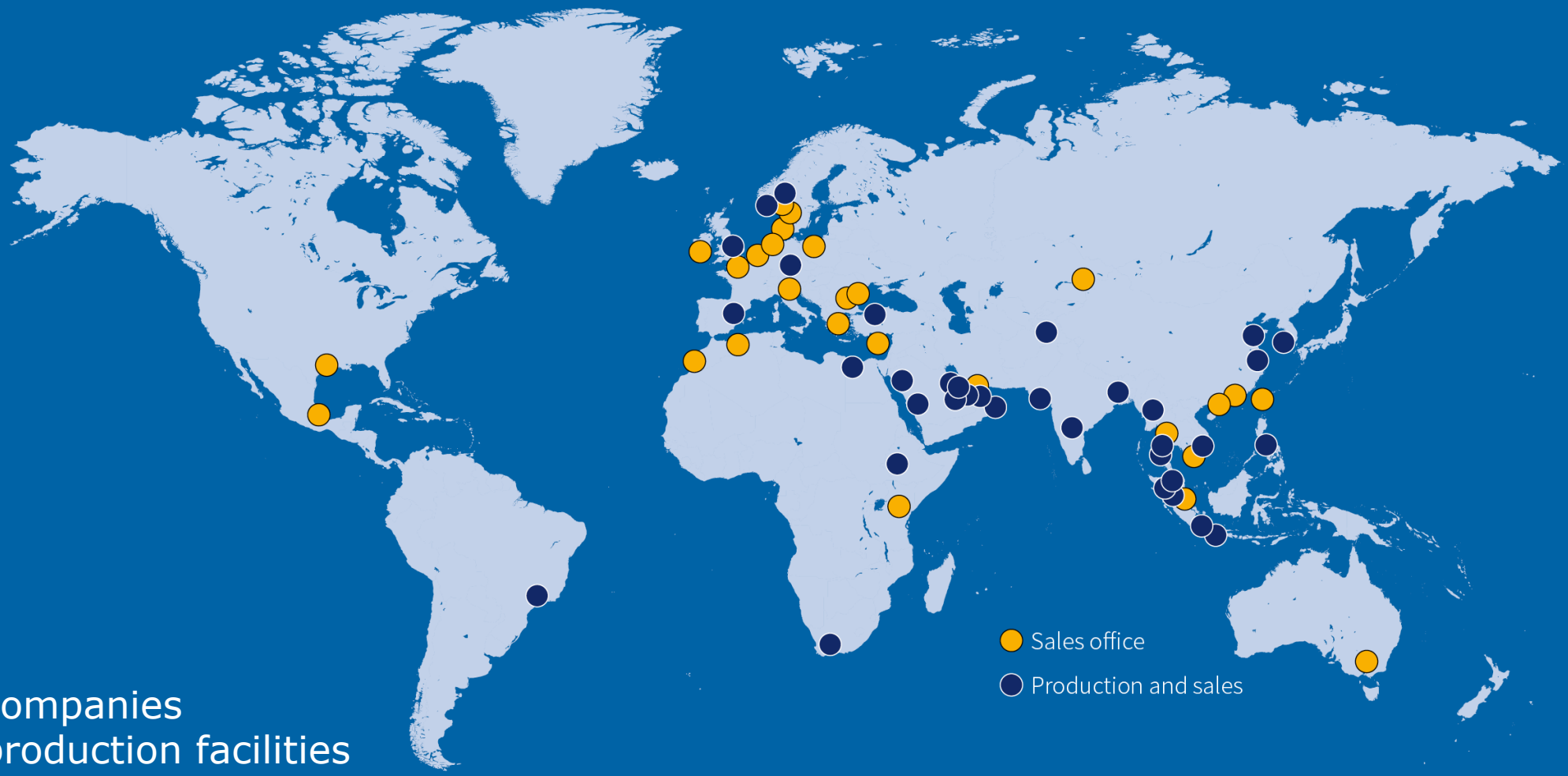
INDUSTRIAL PAINTS



04

POWDER COATINGS

Jotun Locations



- 67 companies
- 40 production facilities
- Products available in more than 100 countries

Jotun Head Office, Sandefjord Norway

Jotun Turkey: High Production Capacity in Two Factories

Paints and coatings: 44.000.000 Lt. per year

Powder coatings: 20.000 ton per year

Why Jotun?

Global Technical Service:

Jotun offers the best technical service with the same standards all over the world.

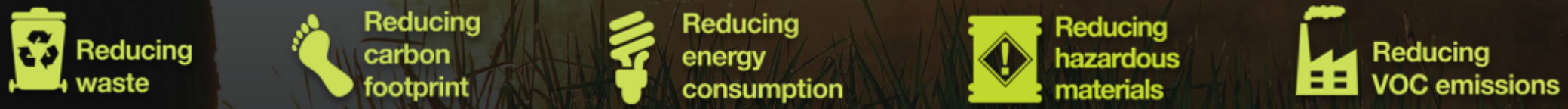
More than 1.000 technical service consultants provide support on the best solutions and paint applications in the area.

Jotun GreenSteps

We see sustainability as a long-term competitive advantage.

We have protected structures against decay and corrosion for many years with our products that we have developed by prioritizing the environment and human health.

Our sustainability policy focuses on recycling waste, reducing carbon footprints, using sustainable energy, avoiding the use of harmful substances, and limiting solvent emissions.



Why Jotun?

We are constantly developing new products and technologies for future.

Our R&D Center is located in Sandefjord, Norway. We work on new solutions and innovations with more than 400 employees in our 10 R&D laboratories located all over the world.

Why Jotun?

We are constantly developing new products and technologies for future.

We develop all of our products by testing them in our laboratories around the world and in the field in harsh climatic conditions.

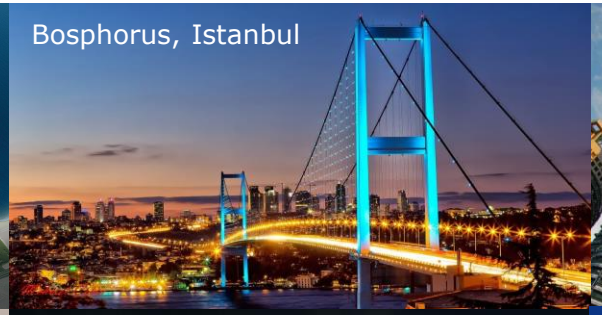
Jotun Arctic Test Station - Svalbard

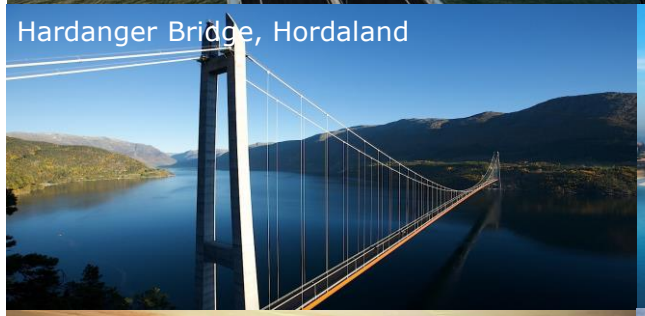
Products Developed Beyond Legal Obligations

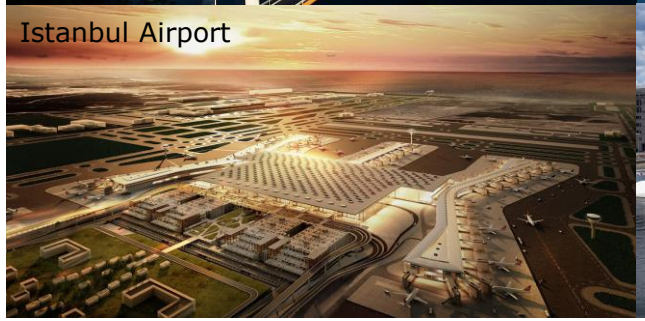
The use of chemicals may harm Jotun employees (operators and inspectors), paint professionals, customers, and the environment. Therefore, Jotun must identify chemical risks and manage them responsibly.

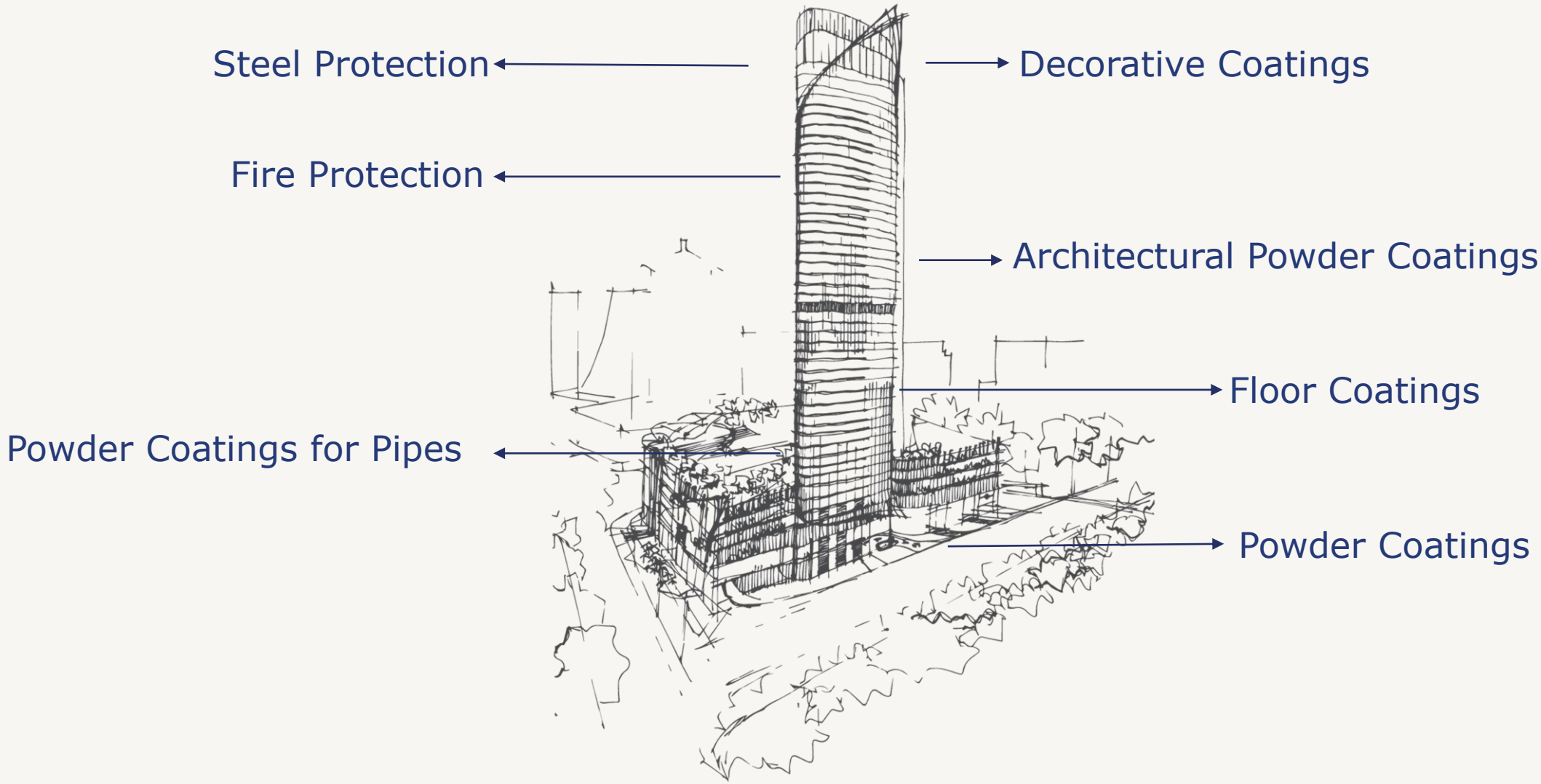
When new information is obtained about existing chemicals or a new chemical is used, its technical and economic effects should be evaluated.

Jotun Protects Iconic Buildings All Over The World









Single Source Solutions (SSS)

Advanced Projects Group

Decorative

Powder

Industry

APG

Architect

PMO

Investor

Contractor

JOTUN

Single Brand. Complete Solution.

Powder Coatings

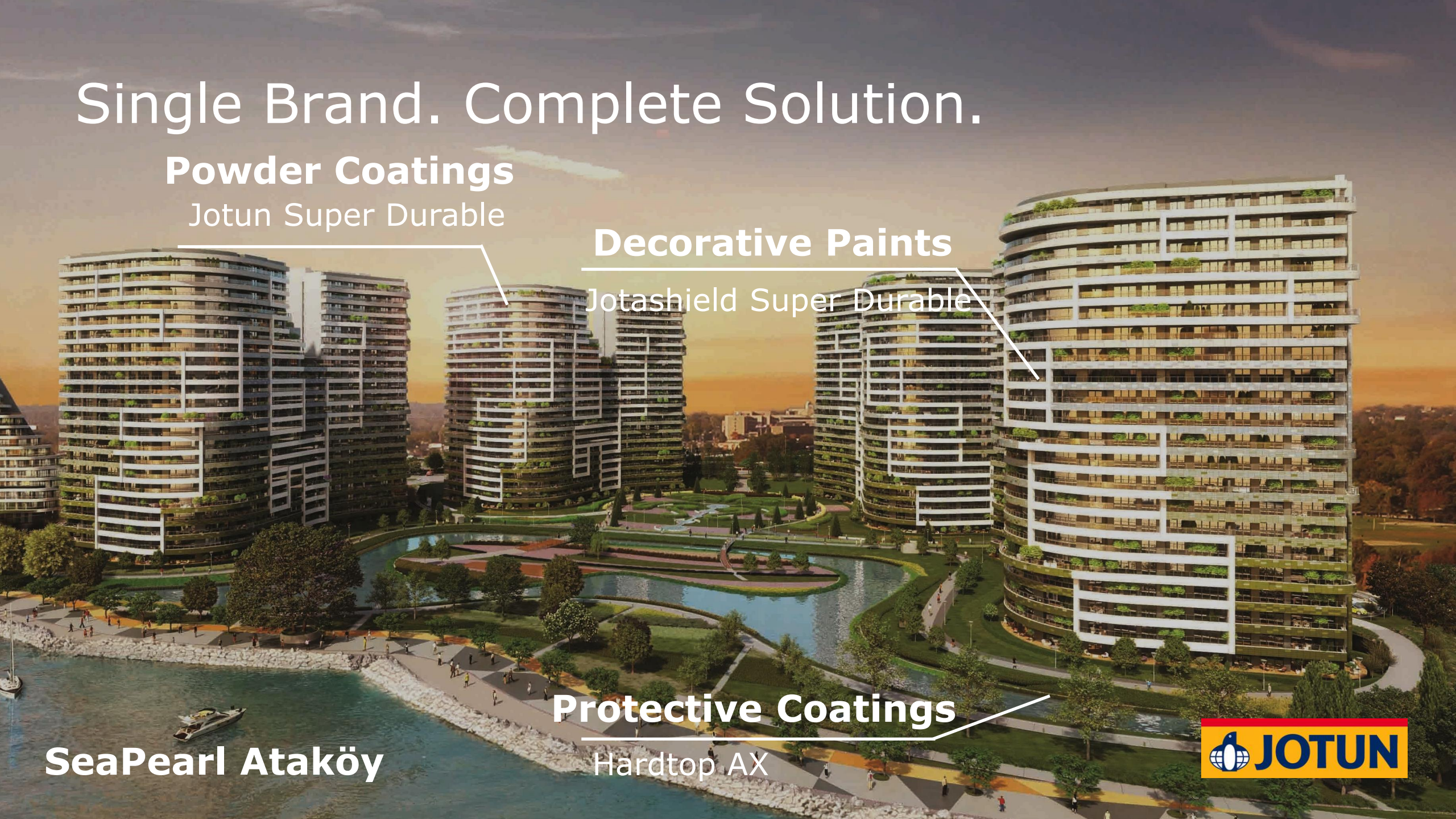
Jotun Super Durable

Decorative Paints

Jotashield Super Durable

Protective Coatings

Hardtop AX



SeaPearl Ataköy

JOTUN


Single Brand. Complete Protection.
Protective Coatings
Pilot WF
Powder Coatings
Primax PR 9085 Grey Smooth
Jotun Facade RAL 7038 Smooth
Decorative Paints
Jotashield Super Durable
Avrasya Tunnel
JOTUN

Powder Coatings

Aluminium Finishing Technologies

- Powder Coatings
- Anodized
- PVDF

01

Building Components

02

Furniture

03

Pipeline

04

Appliance

05

General Industry


Building
Components
JOTUN

Building Components

For buildings people remember

Main Brands

Jotun Facade

Jotun Super Durable

Jotun Durasol

Highlights

10 of world's tallest buildings protected by Jotun

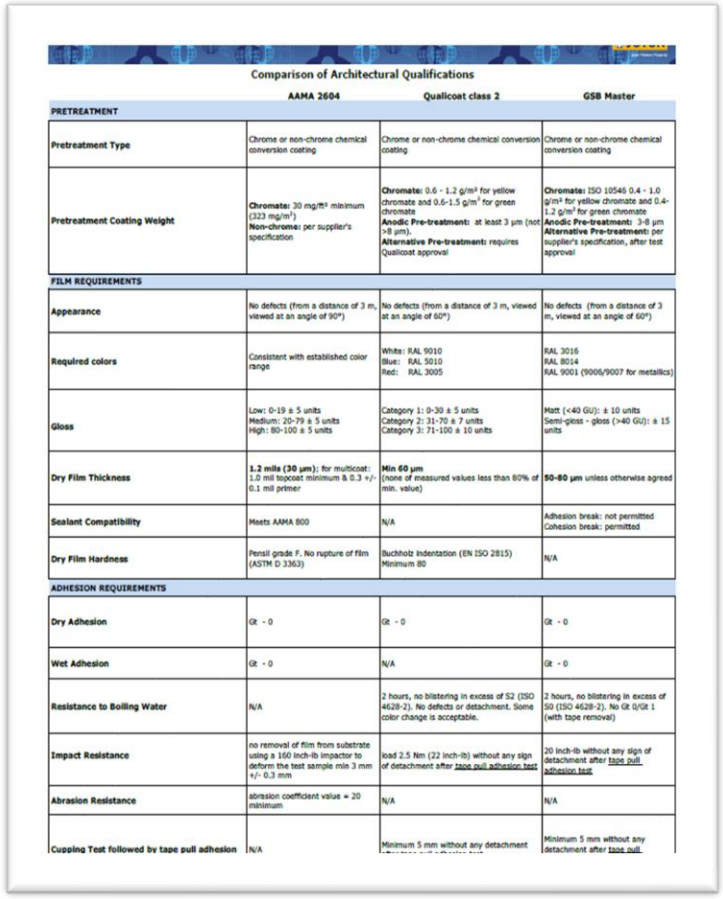
Specified by leading architects in the world

Global reach, local service

Architectural Qualifications

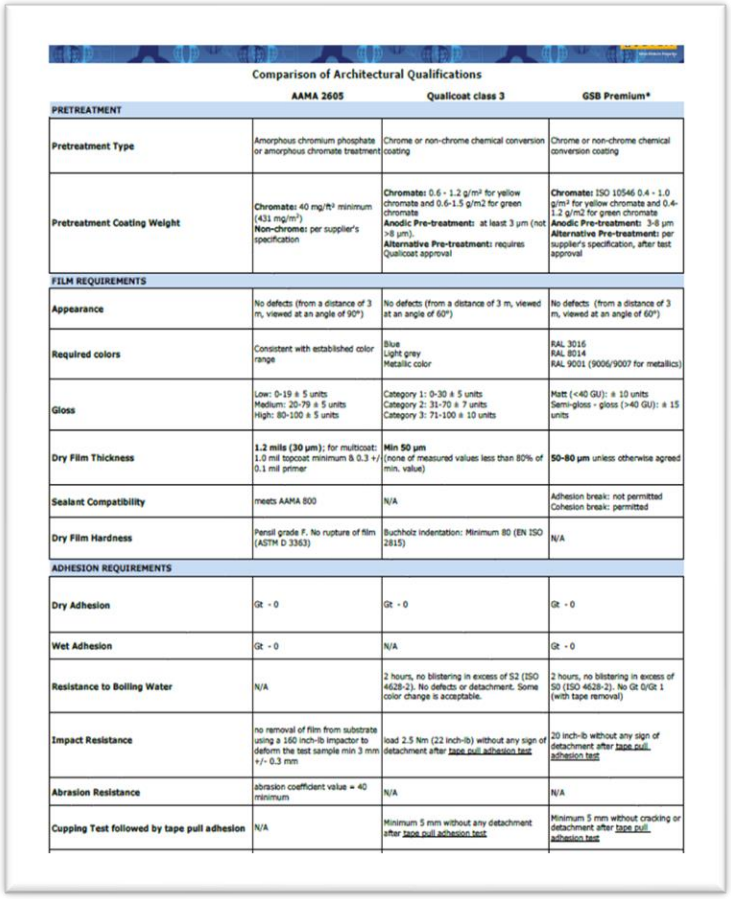
Category	Standard	Florida Test	Coating System
Category 1	GSB Standard	5° South – 1 year	Standard Polyester Powder Coatings
	Qualicoat Class 1	5° South – 1 year	
	AAMA 2603	45° South – 1 year	
Category 2	GSB Master	45° South – 3 years	Super Durable Polyester Powder Coatings
	Qualicoat Class 2	5° South – 3 years	
	AAMA 2604	45° South – 5 years	
	GSB Premium	45° South – 5 years	
Category 3	Qualicoat Class 3	45° South – 10 years	Fluoropolimer Powder Coatings PVDF
	AAMA 2605	45° South – 10 years	

Standard Comparisons



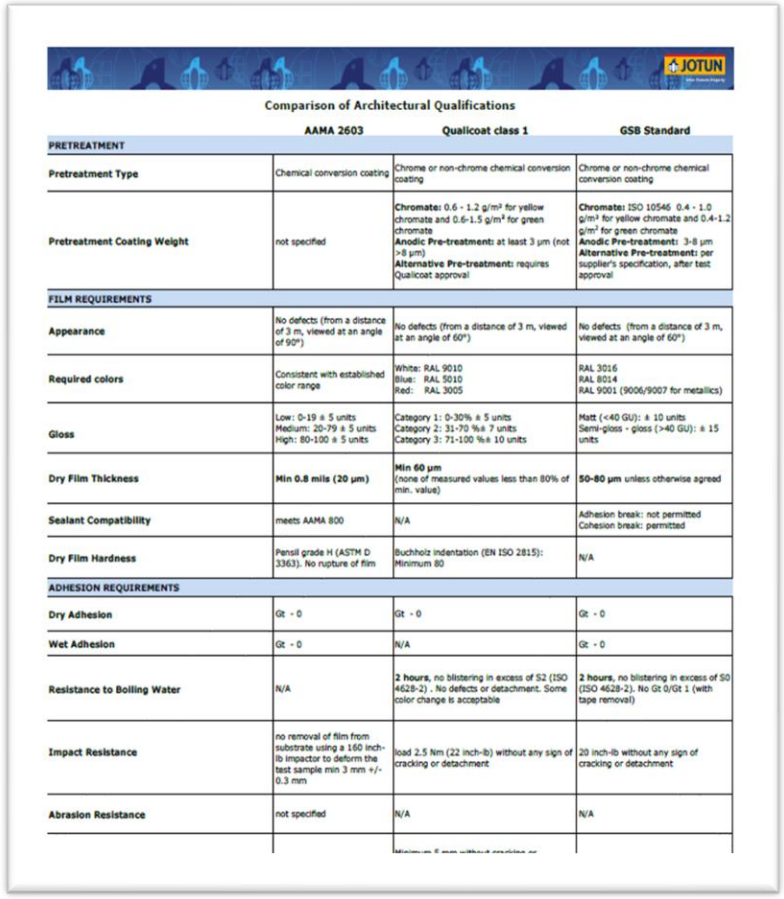
Comparison of Architectural Qualifications

	AAMA 2604	Qualicoat class 2	GSB Master
PRETREATMENT			
Pretreatment Type	Chrome or non-chrome chemical conversion coating	Chrome or non-chrome chemical conversion coating	Chrome or non-chrome chemical conversion coating
Pretreatment Coating Weight	**Chromate:** 30 mg/ft² minimum (323 mg/m²) **Non-chrome:** per supplier's specification	**Chromate:** 0.6 - 1.2 g/m² for yellow chromate and 0.6-1.5 g/m² for green chromate **Anodic Pre-treatment:** at least 3 µm (not >8 µm). **Alternative Pre-treatment:** requires Qualicoat approval	**Chromate:** ISO 10546 0.4 - 1.0 g/m² for yellow chromate and 0.4-1.2 g/m² for green chromate **Anodic Pre-treatment:** 3-8 µm **Alternative Pre-treatment:** per supplier's specification, after test approval
FILM REQUIREMENTS			
Appearance	No defects (from a distance of 3 m, viewed at an angle of 90°)	No defects (from a distance of 3 m, viewed at an angle of 60°)	No defects (from a distance of 3 m, viewed at an angle of 60°)
Required colors	Consistent with established color range	White: RAL 9010 Blue: RAL 5010 Red: RAL 3005	RAL 3016 RAL 8014 RAL 9001 (9006/9007 for metallics)
Gloss	Low: 0-19 ± 5 units Medium: 20-79 ± 5 units High: 80-100 ± 5 units	Category 1: 0-30 ± 5 units Category 2: 31-70 ± 7 units Category 3: 71-100 ± 10 units	Matt (<40 GU): ± 10 units Semi-gloss - gloss (>40 GU): ± 15 units
Dry Film Thickness	**1.2 mils (30 µm)**; for multicoat: 1.0 mil topcoat minimum & 0.3 +/- 0.1 mil primer	**Min 60 µm** (none of measured values less than 80% of min. value)	**50-80 µm** unless otherwise agreed
Sealant Compatibility	Meets AAMA 800	N/A	Adhesion break: not permitted Cohesion break: permitted
Dry Film Hardness	Pensil grade F. No rupture of film (ASTM D 3363)	Buchholz indentation (EN ISO 2815) Minimum 80	N/A
ADHESION REQUIREMENTS			
Dry Adhesion	Gt - 0	Gt - 0	Gt - 0
Wet Adhesion	Gt - 0	N/A	Gt - 0
Resistance to Boiling Water	N/A	2 hours, no blistering in excess of S2 (ISO 4628-2). No defects or detachment. Some color change is acceptable.	2 hours, no blistering in excess of S0 (ISO 4628-2). No Gt 0/Gt 1 (with tape removal)
Impact Resistance	no removal of film from substrate using a 160 inch-lb impactor to deform the test sample min 3 mm +/- 0.3 mm	load 2.5 Nm (22 inch-lb) without any sign of detachment after tape pull adhesion test	20 inch-lb without any sign of detachment after tape pull adhesion test
Abrasion Resistance	abrasion coefficient value = 20 minimum	N/A	N/A
Cupping Test followed by tape pull adhesion	N/A	Minimum 5 mm without any detachment	Minimum 5 mm without any detachment after tape pull



Comparison of Architectural Qualifications

	AAMA 2605	Qualicoat class 3	GSB Premium*
PRETREATMENT			
Pretreatment Type	Amorphous chromium phosphate or amorphous chromate treatment	Chrome or non-chrome chemical conversion coating	Chrome or non-chrome chemical conversion coating
Pretreatment Coating Weight	**Chromate:** 40 mg/ft² minimum (431 mg/m²) **Non-chrome:** per supplier's specification	**Chromate:** 0.6 - 1.2 g/m² for yellow chromate and 0.6-1.5 g/m2 for green chromate **Anodic Pre-treatment:** at least 3 µm (not >8 µm). **Alternative Pre-treatment:** requires Qualicoat approval	**Chromate:** ISO 10546 0.4 - 1.0 g/m² for yellow chromate and 0.4-1.2 g/m2 for green chromate **Anodic Pre-treatment:** 3-8 µm **Alternative Pre-treatment:** per supplier's specification, after test approval
FILM REQUIREMENTS			
Appearance	No defects (from a distance of 3 m, viewed at an angle of 90°)	No defects (from a distance of 3 m, viewed at an angle of 60°)	No defects (from a distance of 3 m, viewed at an angle of 60°)
Required colors	Consistent with established color range	Blue Light grey Metallic color	RAL 3016 RAL 8014 RAL 9001 (9006/9007 for metallics)
Gloss	Low: 0-19 ± 5 units Medium: 20-79 ± 5 units High: 80-100 ± 5 units	Category 1: 0-30 ± 5 units Category 2: 31-70 ± 7 units Category 3: 71-100 ± 10 units	Matt (<40 GU): ± 10 units Semi-gloss - gloss (>40 GU): ± 15 units
Dry Film Thickness	**1.2 mils (30 µm)**; for multicoat: 1.0 mil topcoat minimum & 0.3 +/- 0.1 mil primer	**Min 50 µm** (none of measured values less than 80% of min. value)	**50-80 µm** unless otherwise agreed
Sealant Compatibility	meets AAMA 800	N/A	Adhesion break: not permitted Cohesion break: permitted
Dry Film Hardness	Pensil grade F. No rupture of film (ASTM D 3363)	Buchholz indentation: Minimum 80 (EN ISO 2815)	N/A
ADHESION REQUIREMENTS			
Dry Adhesion	Gt - 0	Gt - 0	Gt - 0
Wet Adhesion	Gt - 0	N/A	Gt - 0
Resistance to Boiling Water	N/A	2 hours, no blistering in excess of S2 (ISO 4628-2). No defects or detachment. Some color change is acceptable.	2 hours, no blistering in excess of S0 (ISO 4628-2). No Gt 0/Gt 1 (with tape removal)
Impact Resistance	no removal of film from substrate using a 160 inch-lb impactor to deform the test sample min 3 mm +/- 0.3 mm	load 2.5 Nm (22 inch-lb) without any sign of detachment after tape pull adhesion test	20 inch-lb without any sign of detachment after tape pull adhesion test
Abrasion Resistance	abrasion coefficient value = 40 minimum	N/A	N/A
Cupping Test followed by tape pull adhesion	N/A	Minimum 5 mm without any detachment after tape pull adhesion test	Minimum 5 mm without cracking or detachment after tape pull adhesion test

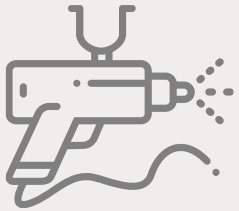


Comparison of Architectural Qualifications

	AAMA 2603	Qualicoat class 1	GSB Standard
PRETREATMENT			
Pretreatment Type	Chemical conversion coating	Chrome or non-chrome chemical conversion coating	Chrome or non-chrome chemical conversion coating
Pretreatment Coating Weight	not specified	**Chromate:** 0.6 - 1.2 g/m² for yellow chromate and 0.6-1.5 g/m² for green chromate **Anodic Pre-treatment:** at least 3 µm (not >8 µm) **Alternative Pre-treatment:** requires Qualicoat approval	**Chromate:** ISO 10546 0.4 - 1.0 g/m² for yellow chromate and 0.4-1.2 g/m² for green chromate **Anodic Pre-treatment:** 3-8 µm **Alternative Pre-treatment:** per supplier's specification, after test approval
FILM REQUIREMENTS			
Appearance	No defects (from a distance of 3 m, viewed at an angle of 90°)	No defects (from a distance of 3 m, viewed at an angle of 60°)	No defects (from a distance of 3 m, viewed at an angle of 60°)
Required colors	Consistent with established color range	White: RAL 9010 Blue: RAL 5010 Red: RAL 3005	RAL 3016 RAL 8014 RAL 9001 (9006/9007 for metallics)
Gloss	Low: 0-19 ± 5 units Medium: 20-79 ± 5 units High: 80-100 ± 5 units	Category 1: 0-30% ± 5 units Category 2: 31-70 %± 7 units Category 3: 71-100 %± 10 units	Matt (<40 GU): ± 10 units Semi-gloss - gloss (>40 GU): ± 15 units
Dry Film Thickness	**Min 0.8 mils (20 µm)**	**Min 60 µm** (none of measured values less than 80% of min. value)	**50-80 µm** unless otherwise agreed
Sealant Compatibility	meets AAMA 800	N/A	Adhesion break: not permitted Cohesion break: permitted
Dry Film Hardness	Pensil grade H (ASTM D 3363). No rupture of film	Buchholz indentation (EN ISO 2815): Minimum 80	N/A
ADHESION REQUIREMENTS			
Dry Adhesion	Gt - 0	Gt - 0	Gt - 0
Wet Adhesion	Gt - 0	N/A	Gt - 0
Resistance to Boiling Water	N/A	**2 hours**, no blistering in excess of S2 (ISO 4628-2) . No defects or detachment. Some color change is acceptable	**2 hours**, no blistering in excess of S0 (ISO 4628-2). No Gt 0/Gt 1 (with tape removal)
Impact Resistance	no removal of film from substrate using a 160 inch-lb impactor to deform the test sample min 3 mm +/- 0.3 mm	load 2.5 Nm (22 inch-lb) without any sign of cracking or detachment	20 inch-lb without any sign of cracking or detachment
Abrasion Resistance	not specified	N/A	N/A

ENVIRONMENTALLY FRIENDLY

Advantages of Powder Coatings



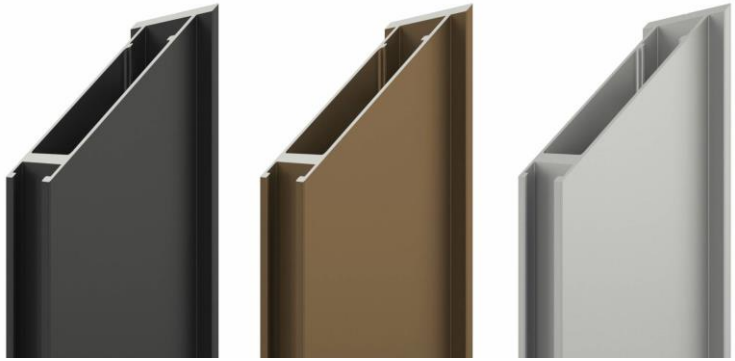
- VOC-free
- Environmentally and human-friendly
- Generates almost negligible waste
- The most efficient coating system
- Offers limitless options for colours, gloss levels and surface finishes
- Provides enhanced physical, chemical and corrosion resistance

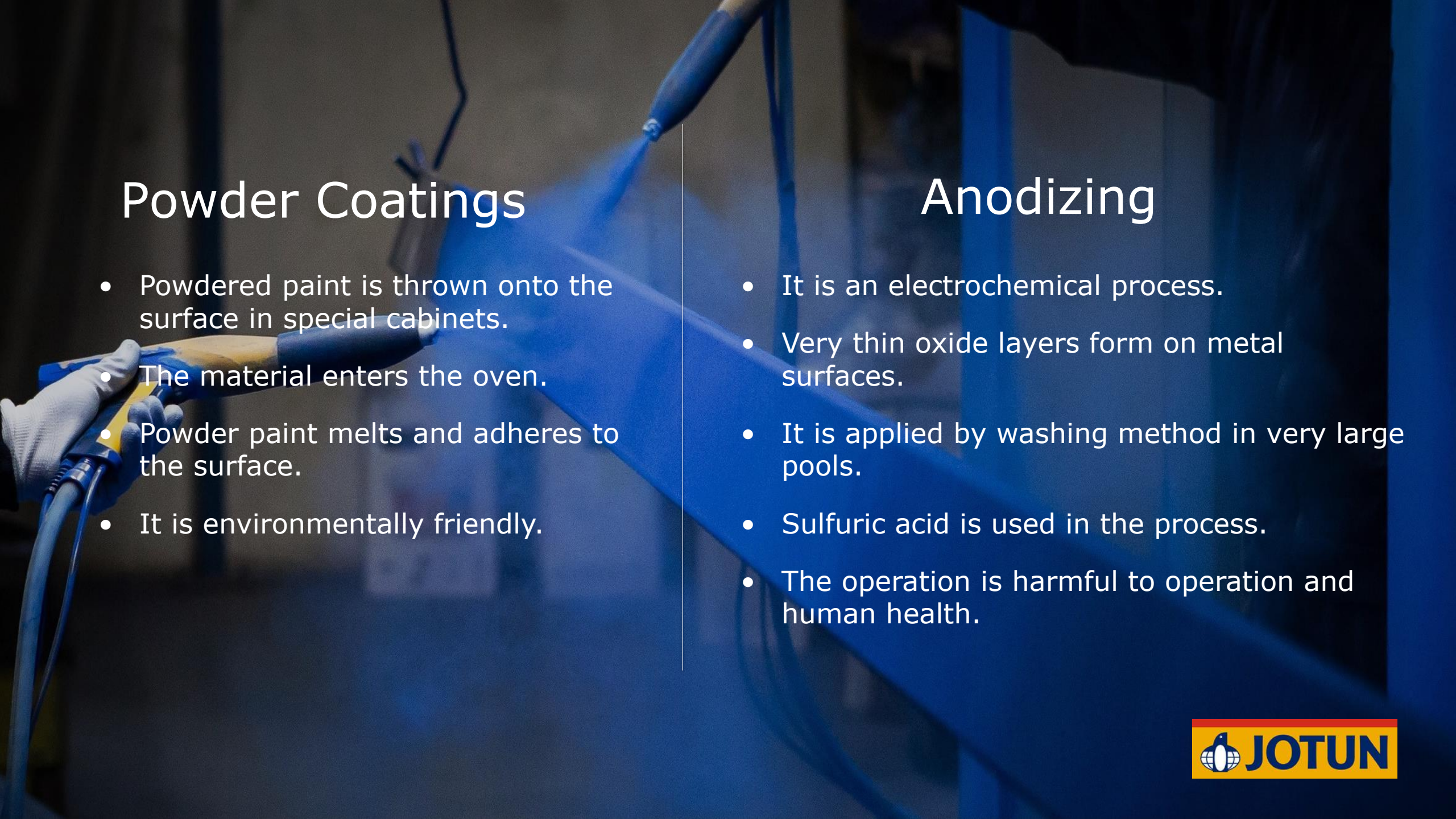
JOTUN

What is Anodizing?

Anodized is an electrochemical process used to create a very thin oxide layer on the metal surface.

At the end of the coating, a colourless aluminum oxide layer (Al2O3) of about 15-20 microns is formed. A sulfuric acid solution is used in the process.





Powder Coatings

- Powdered paint is thrown onto the surface in special cabinets.
- The material enters the oven.
- Powder paint melts and adheres to the surface.
- It is environmentally friendly.

Anodizing

- It is an electrochemical process.
- Very thin oxide layers form on metal surfaces.
- It is applied by washing method in very large pools.
- Sulfuric acid is used in the process.
- The operation is harmful to operation and human health.

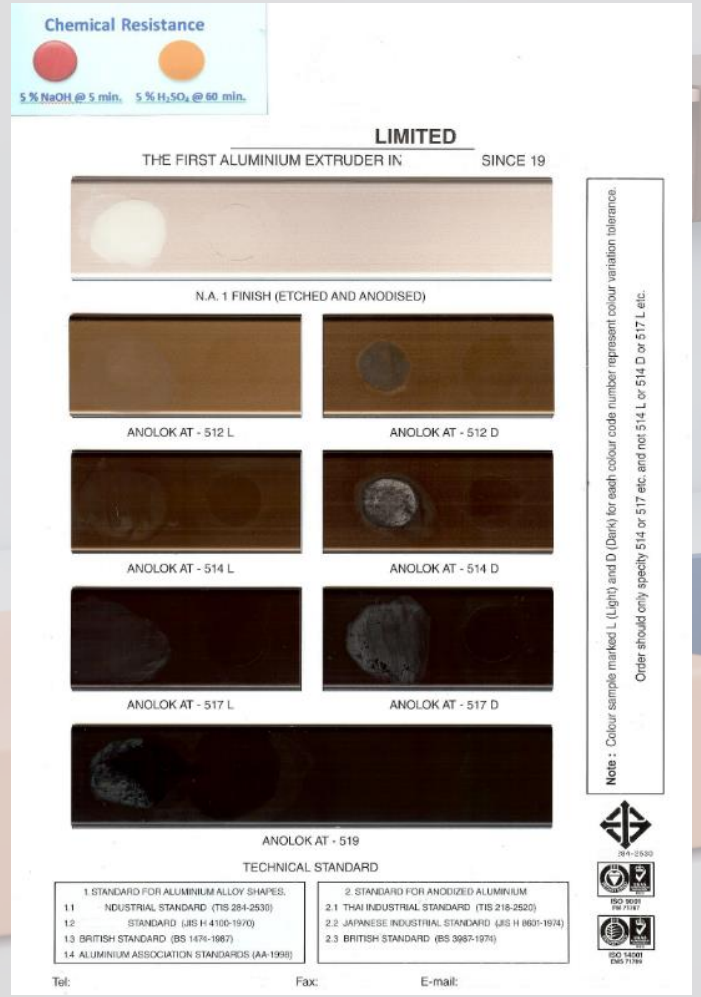
Powder Coatings

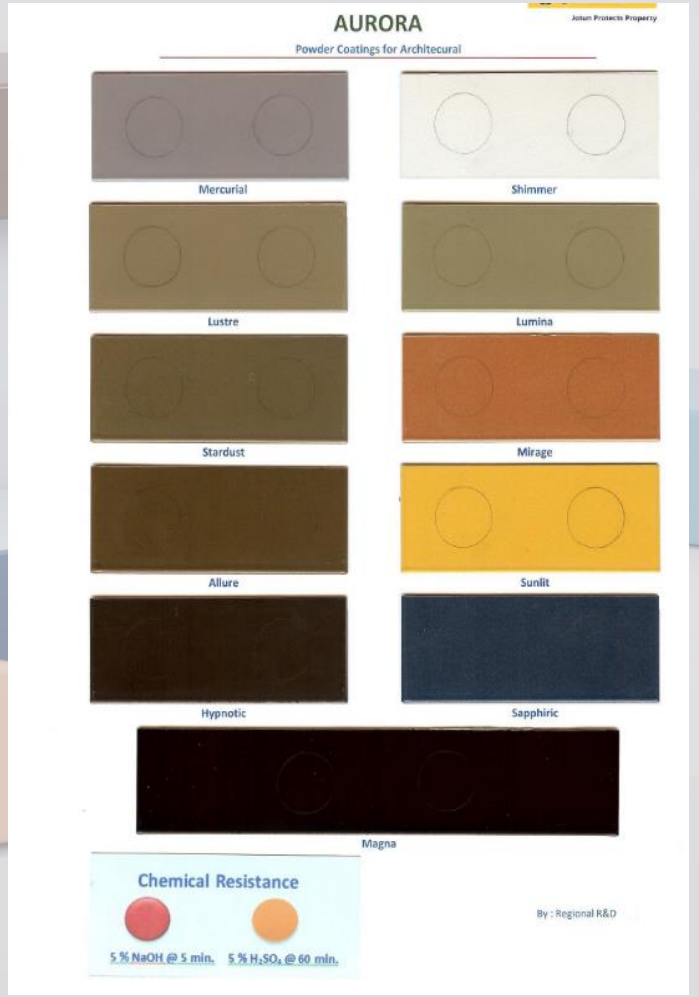
- Unlimited colour options
- Variety of smooth, textured and project-specific finishes
- Colour consistency
- Easy to retouch

Anodizing

- Few colour options
- Limited finish option
- Colour difference in profiles of the same structure
- Difficult to retouch

Chemical Resistance:
Comparison between Powder Coatings and Anodizing

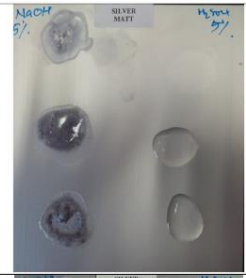
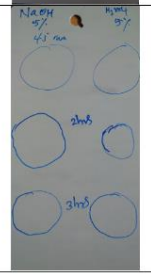
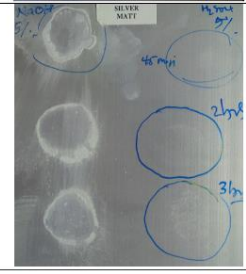




Test conditions : 5% NaOH
5% H_2SO_4

Test period : 45 min to 3 hours

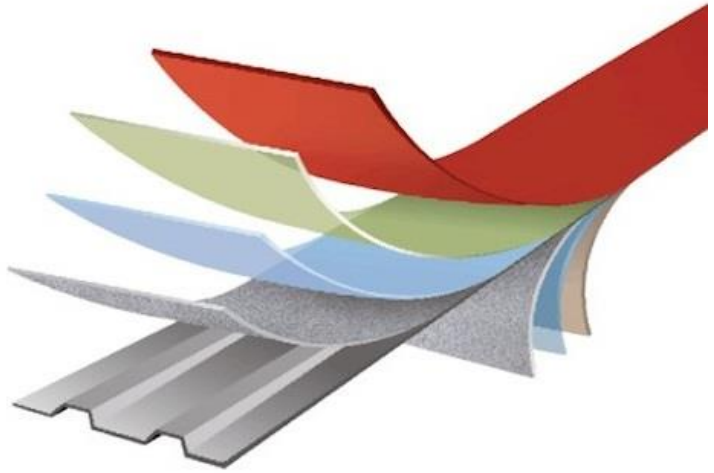
Substrate : Aluminum

	Aurora Silver 1205185	Anodized Silver Matt
After 45 minutes **Left side 5% NaOH** **Right Side 5% H_2SO_4**		
After 3hrs **Left side 5% NaOH** **Right Side 5% H_2SO_4**		

Tested by: Noted by:

What is PVDF?

- A liquid coating with a very high level of solvent (30 - 70%).
- A thermoplastic fluoropolymer composed of Polyvinylidene Difluoride.
- Originally a two layers system but being replaced due to durability questions.
- Multiple (4) layer systems common but add to production complexity with longer processing time and a greater chance for things to go wrong.
- **Increasing amount of solvent**, where 30 - 70% of the product evaporates to the environment and does not go on the aluminium.



Relative application cost per sq. m aluminium (coating + application):

Super Durable	PVDF (4 layer)	Durasol
0.3	1.0	0.6

Powder vs. PVDF

Description	Powder Coatings	PVDF
Environmentally Friendly (VOC)	High (no solvent)	Low (30 – 70 % solvent)
Colour Selection	150 colours, can be designed on request	A more limited range
Gloss and Finish / Design Flexibility	Glossy, matt, smooth, metallic and textured finishes	Smooth matt finish only (Brightness is achieved by multiple layers and metallic finish)
Number of Coats	Single coat	Up to 4 needed if toughness or gloss is required
Mechanical Properties	Excellent scratch and abrasion resistance	Poor (not recommended in high-traffic areas) unless multiple layers
Primer Required	No	Yes
Speed of Application	Fast	%20 slower
Approved Applicators	Many	Few
Guarantee	25 to 30 years for all colours	Depends on product and supplier, max 20 years
Waste Generation	%99 + < %1 loss as it is recyclable	%40-80 waste due to solvent and excessive spray losses
Relative Application Cost (Coating + Application)	0.3 / 0.6 (Super Durable / Durasol)	1 (3 layers)

Are all PVDFs durable?

Commercial-grade PVDFs before and after weathering testing using the HE WXM weatherometer

Initial

After 200 hours

? Perhaps not all PVDFs are the same!

PRODUCT OVERVIEW

Superior Protection Against Difficult Climate Conditions!

UV resistance for many years with Qualicoat Class 1, Class 2, Class 3 approved products

Durability of Aluminum Portfolio

Standard	Guarantee	Product
Qualicoat Class 1 AAMA 2603 GSB Standard	15 years product performance guarantee	Jotun Facade
Qualicoat Class 2 AAMA 2604 GSB Master	25 years product performance guarantee	Jotun Super Durable
Qualicoat Class 3 AAMA 2605	30 years product performance guarantee	Jotun Durasol

Product Performance Guarantee

Jotun Facade

Qualicoat Class 1, AAMA 2603, GSB Standard

- Product performance guarantee up to 15 years against harsh climatic conditions
- Perfect appearance
- Reduction in application cost due to improved surface coverage
- Eco-friendly solution for sustainable architectural projects
- Reduction in building energy consumption with Cool Shades Collection

Jotun Facade Collection

Jotun Super Durable

Qualicoat Class 2, AAMA 2604, GSB Master

- 25 years product performance guarantee against harsh climatic conditions
- Impact resistant
- Perfect appearance
- Design friendly with special textures and wide colour options
- VOC free, environmentally friendly
- Reduction in building energy consumption with Cool Shades Collection

Jotun Durasol

Qualicoat Class 3, AAMA 2605

- Excellent protection against harsh climatic conditions with a product performance guarantee of 30 years.
- Superior resistance to scratching and impact.
- Excellent appearance for many years with superior color and gloss resistance.
- Low dirt holding.
- VOC free, environmentally friendly.

Collections

COOL SHADES

AURORA

SAHARA

EVOKE

ULTIMATT

COSMOS

LIFESHINE

Jotun Cool Shades Collection

Heat Reflective Powder Coatings

- Reduces surface and indoor temperatures.
- Contributes to human comfort and safety.
- Reduces the energy consumption of buildings in regions with hot climates.
- Helps reduce the heat island effect in cities and therefore contributes to a LEED score when used in roofing and shading systems.

Jotun Aurora Collection

High performance meets sustainable architecture and a stylish appearance

- Provides a flawless metallic effect
- Minimizes the impact on the environment
- Provides high performance durability

40x
less water

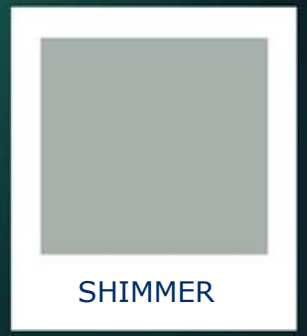
20%
less gas

10x
less electricity

Aurora Colours

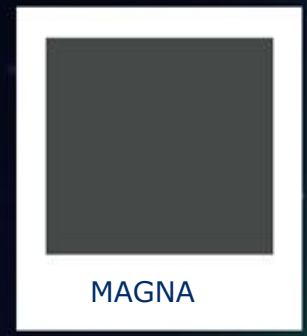
High performance meets sustainable architecture and a stylish appearance.

- Facade-Super Durable-Durasol offers metallic colour alternatives with its products.
- It is used for transforming from anodizing and for a raw metal look.


SHIMMER


MERCURIAL

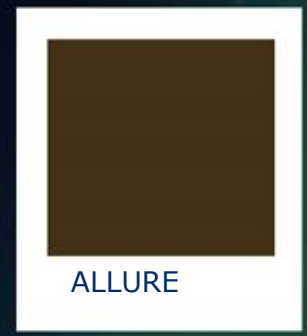

SAPPHIRIC

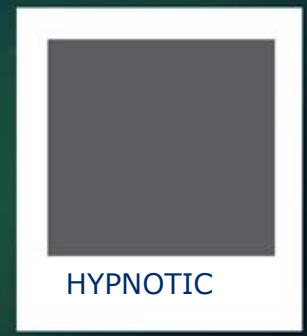

MAGNA


LUMINA


LUSTRE


STARDUST


ALLURE


HYPNOTIC


SUNLIT


MIRAGE

Jotun The Sahara Collection

Easy To Clean Fine Texture Powder Coating

- Aesthetically attractive, robust, and practical
- Hide surface imperfections such as die lines and welds.
- Scratch resistant
- High dirt-repellent resistance

Jotun The UltiMatt Collection

The World's Deepest Matt Powder Coatings

- Pure matt surfaces are the perfect complement to natural building materials.
- Contributes to obtaining credits in LEED and green building standards.
- Super Durable 2900 SMO is Qualicoat class 2 certified and AAMA 2604 compliant for 25 years of protection.
- EN 13501:Fire tested and approved to A2 rating.

TRUE NATURAL COLOURS

WITH SMOOTH FINISH

Phantom Grey

Serene

Ginger

Lustre

Earth

Pure White

Raveling

Luceo

TRUE NATURAL COLOURS

WITH TEXTURE FINISH

Stromboli Sand

Quartz Grey

Dove

Stokksnes

Caramel

Frost

Coastal

Reminiscent

Jotun The Cosmos Collection

ANODIZED LOOK

OUR CLOSEST MATCH TO THE ANODIZED ALUMINIUM COLOURS

- Attractive, deep matt and metallic effect finishes
- Stylish appearance
- Anodized aluminium colours
- Superior colour consistency and gloss retention

Jotun The LifeShine Collection

MOMENTS THAT TRULY SHINE

METALLIC EFFECT FOR EVERY MOMENT

- High sparkling effect – bold statement
- Shimmering effect – humble shine
- Consistent beautiful shine (due to bonded technology, consistency in application, consistency after recycling)

BRIGHT METALLICS

Phantom Grey

Serene

Ginger

Lustre

Earth

Pure White

Raveling

Luceo

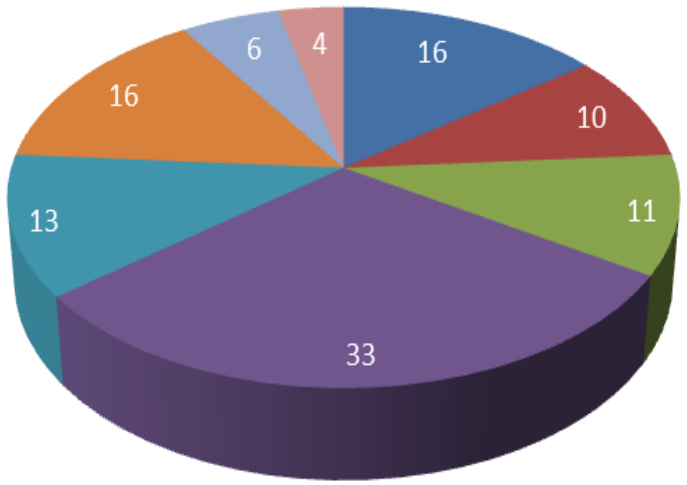
Jotun Powder Coatings Compliant with LEED V4!

LEED

We contribute to the LEED score with EPD-certified Jotun Super Durable 2901, Jotun Super Durable 2903 and Jotun Durasol 4003.

JOTUN

Powder Contribution To LEED V4 Points



- Location and Transportation (16)
- Sustainable Sites (10)
- Water Efficiency (11)
- Energy and Atmosphere (33)
- Materials and Resources (13)
- Indoor Environmental Quality (16)
- Innovation (6)
- Regional Priority (4)

Heat island reduction:
Up to 2 points

Material ingredients:
1 point
Environmental product declarations:
2 points
Up to 3 points

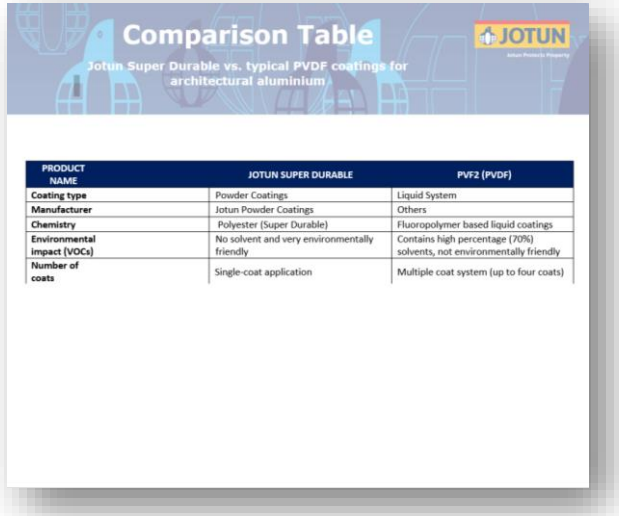
Low-emitting materials:
Up to 3 points

Total: Up to **8 points** with powders

Powder - The Ideal Solution for Protection of Steel

Powder Coatings Tools

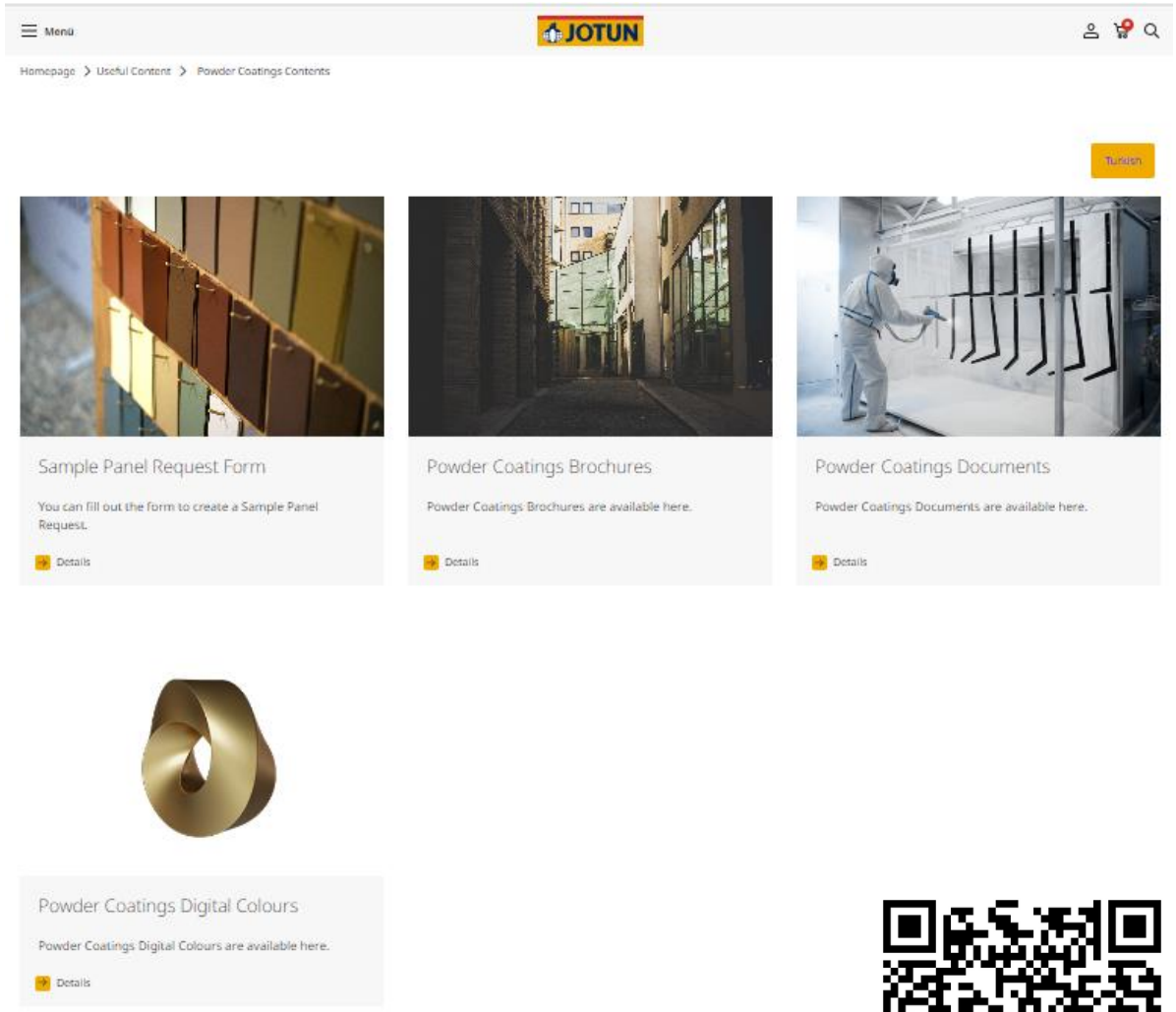
- Coating comparison tables and panels
- Third-party laboratory data
- Product guarantee documents
- Jotun Paint approved applicators
- Information articles (PVDF, anodizing, etc.)
- Project coordination
- Brochures and Colour Cards
- Jotun Panel Wall
- Envelopes and labels
- Jotun Academy
- Jotun Online Platform (Digital colours library, Sample Panel Request, documents, brochures)



JOTUN

Powder Coatings

Online Platform

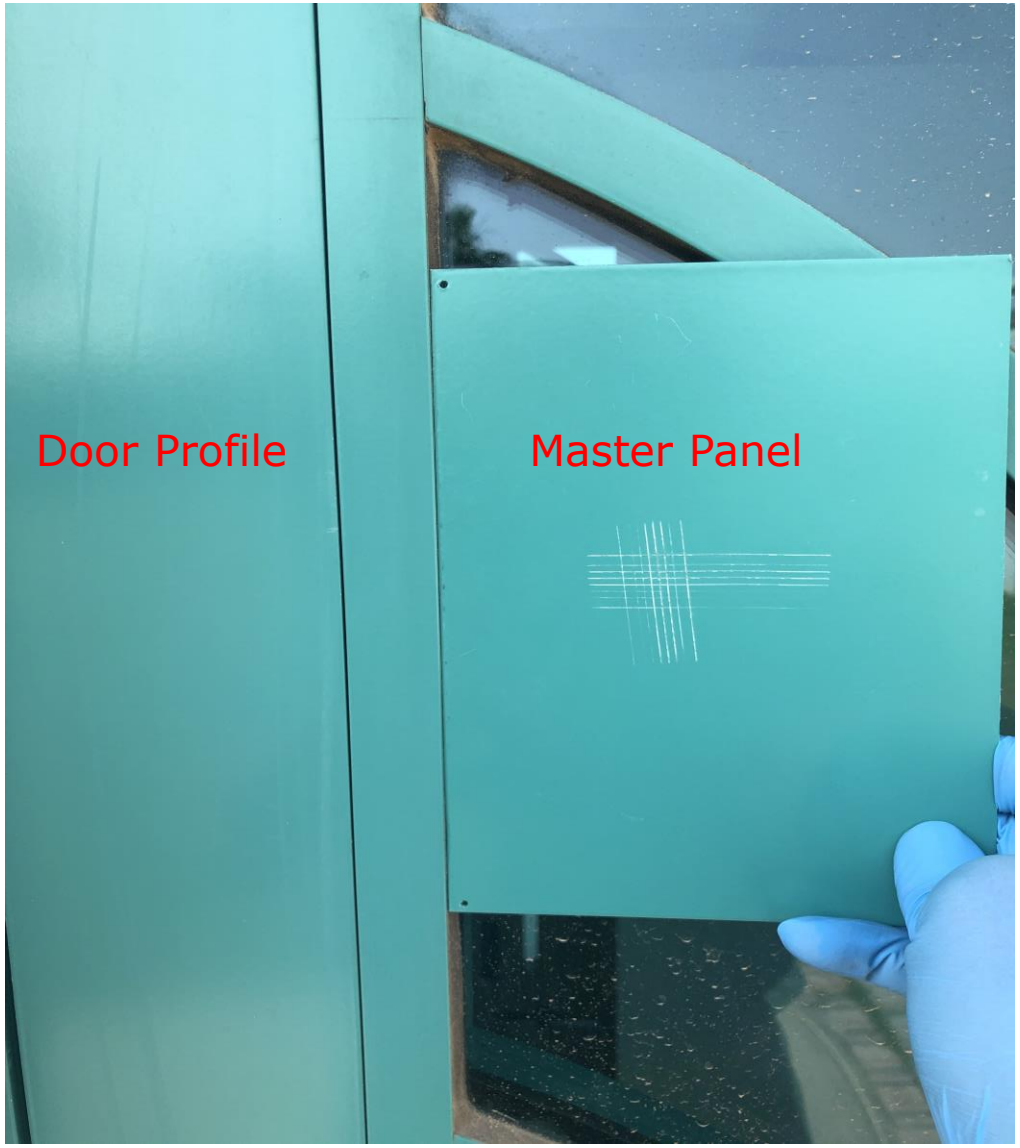


Jotun Powder Coatings References

Atlantis Hotel (The Palm)

Atlantis Hotel (The Palm)

Front: Southwest (221°)		
Colour: RAL 6033		
Jotun Super Durable 2003		
Project Start: 5 – 2007		
	After 13 Years	
1. Gloss (QC)	35	
Gloss (Before Cleaning)	26 – 28	
Gloss (Dry Cleaning)	40 – 43	
Gloss (Dirt-removed, No gloss)	49	
Colour Differences	**After Clean**	**After Dirt Removal**
ΔL	+1.06	+0.26
Δa	+1.07	+0.56
Δb	-1.19	-1.06
ΔE	**1.92**	**1.23**




Palm Jumeirah
JOTUN

Shoreline Apartment (The Palm)

Front: South (199°)		
Colour: RAL 1014		
Product: Jotun Super Durable 2003		
Project Start: 12 - 2005		
	After 15 Years	
1. Gloss (QC)	42	
Gloss (Before Cleaning)	27 - 38	
Gloss (Dry Cleaning)	40 - 44	
Gloss (Dirt-removed, No gloss)	45 - 48	
Colour Differences	**After Clean**	**After Dirt Removal**
ΔL	-0.18	-0.30
Δa	-0.14	-0.06
Δb	-1.02	-0.86
dE	**1.05**	**0.92**

Burj Al Arab

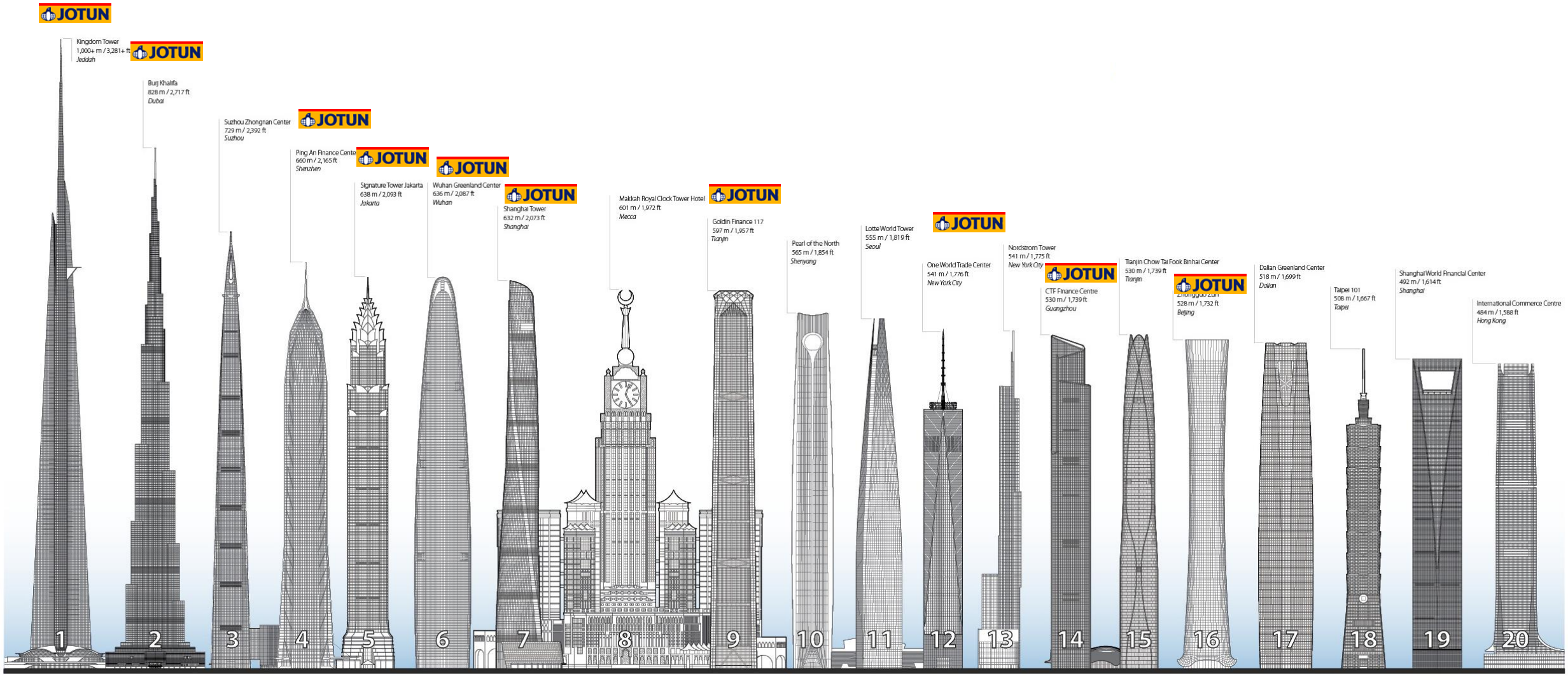
Comparison: 19 Years

Product: Jotun Super Durable 2003
Colour: RAL 5011

Burj Al Arab (Jumeirah)

Front : West		
Colour : Ral 5011 (Exterior)		
Jotun Super Durable 2003		
Project Start: 12- 1998		
	After 19 Years	
1. Gloss (QC)	38	
Gloss (Before Cleaning)	10-12	
Gloss (Dry Cleaning)	20-22	
Gloss (Dirt-removed, No gloss)	32-34	
Colour Differences	**After Clean**	**After Dirt Removal**
ΔL	-2.62	-0.73
Δa	+0.09	-0.08
Δb	+3.22	+2.64
dE	**4.15**	**2.74**

The Highest 20 Skyscrapers

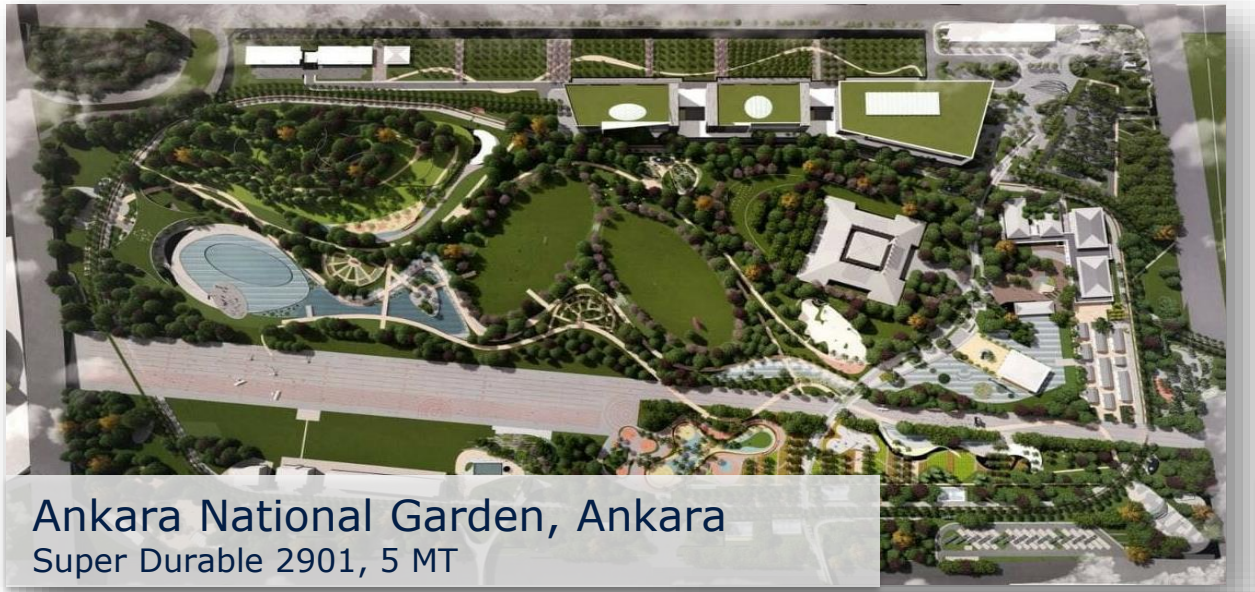


Powder Coatings

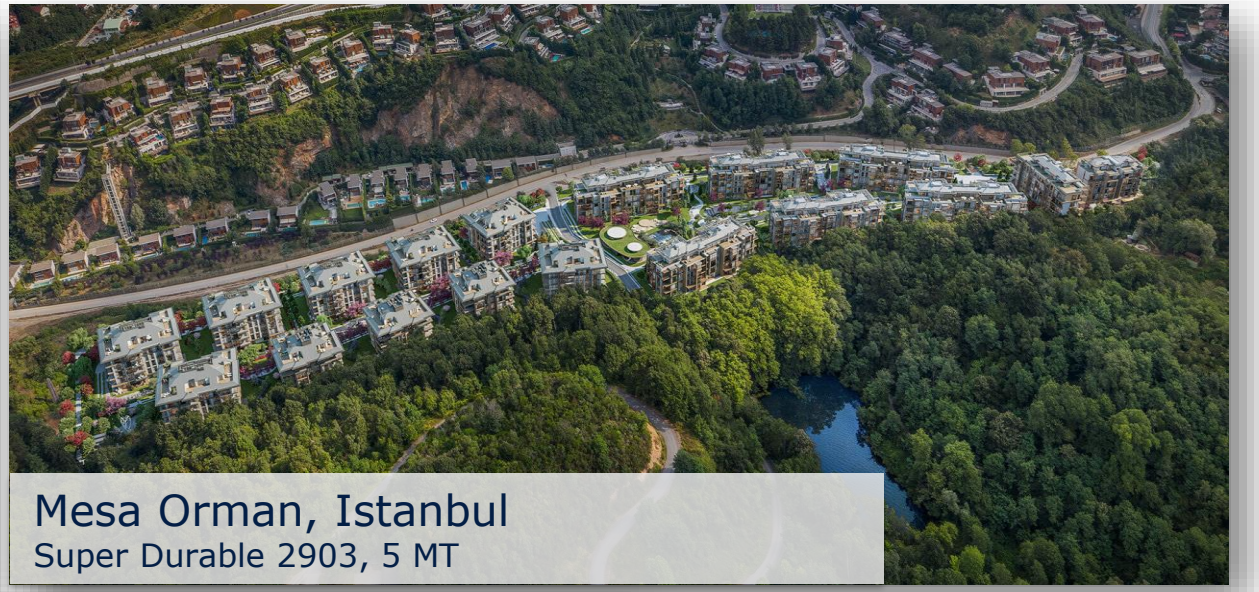
Mesa Bodrum, Mugla
Super Durable 2903, 2 MT

Nef Kandilli, Istanbul
Super Durable 2901, 5 MT

Havelsan Technology Center, Ankara
Super Durable 2903, 5 MT



Ankara National Garden, Ankara
Super Durable 2901, 5 MT

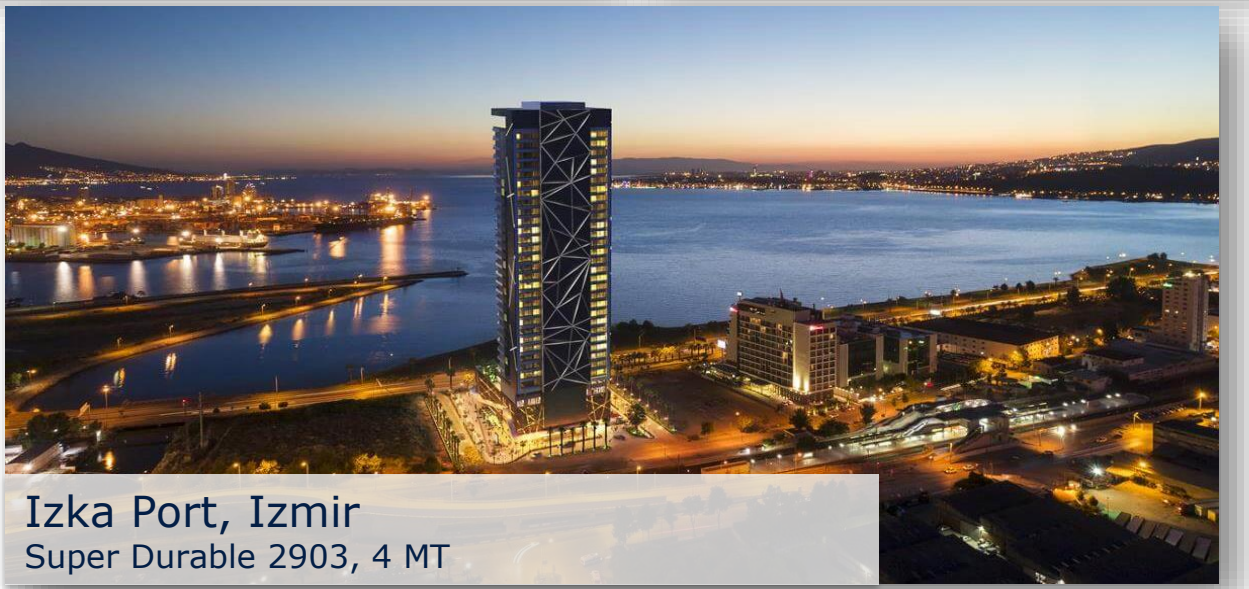


Mesa Orman, Istanbul
Super Durable 2903, 5 MT

Perymount, London
Facade 2403, 3 MT

Supreme Court Presidency, Ankara
Super Durable 2903, 20 MT

Is Bank/Munzam Sandık Foundation, Istanbul
Super Durable 2903, 2 MT



Izka Port, Izmir
Super Durable 2903, 4 MT

Powder Coatings

Riva Düşler Vadisi, Istanbul
Super Durable 2901, 5 MT

Cidde High Speed Train Station, Saudi Arabia
Super Durable 2902 – Durasol 4003, 10 MT

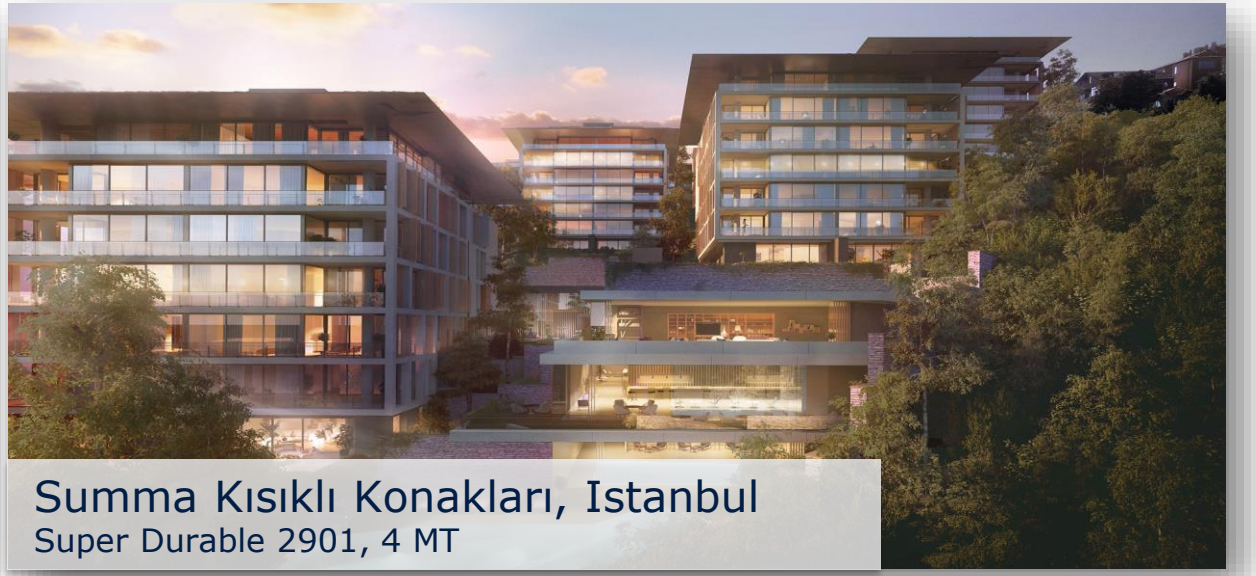
Iraq Central Bank, Bagdad
Super Durable 2902, 3 MT

Port of Baku, Azerbaijan
Super Durable 2902 – Durasol 4003, 10 MT

Marinera Çeşme, Izmir
Super Durable 2901, 1 MT

Tao Tower, Istanbul
Super Durable 2903, 10 MT

Mavi Arya Residences, Mugla
Super Durable 2901 - 2903, 4 MT



Summa Kısıklı Konakları, Istanbul
Super Durable 2901, 4 MT

Göl Evler, Istanbul
Super Durable 2901, 2 MT

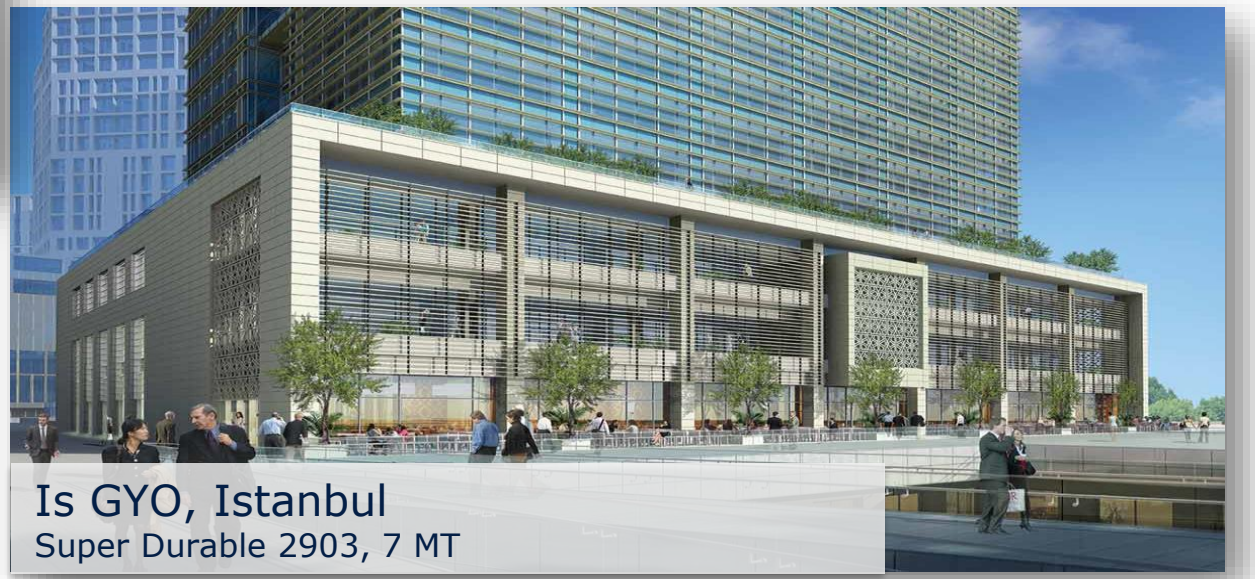
Seba Mare Gundogan, Mugla
Super Durable 2901, 2 MT

Heliosschulen Köln, Germany
Super Durable 2901, 2 MT

Icone, Luxembourg
Super Durable 2902, 5 MT

Financial Center, Istanbul

IFM Central Bank, Istanbul
Super Durable 2908, 35 MT



Is GYO, Istanbul
Super Durable 2903, 7 MT

Powder Coatings

Kuwait International Airport, Kuwait
Super Durable 2903 – Durasol 4003, 10 MT

Bomonti Tower, Istanbul
Super Durable 2901, 10 MT

Izka Line, Izmir
Super Durable 2901, 2 MT

Laurus Bodrum, Mugla
Super Durable 2903, 1 MT

ID Bodrum, Mugla
Super Durable 2901, 3 MT

Avrupa Konutları Çamlıvadi, Istanbul
Super Durable 2901, 12 MT

Akzirve Strada, Istanbul
Super Durable 2901, 12 MT

Nieuw Zuid, Belgium
Super Durable 2903, 8 MT

Grande Tour F Abidjan, Ivory Coast
Super Durable 2901-2902, 40 MT

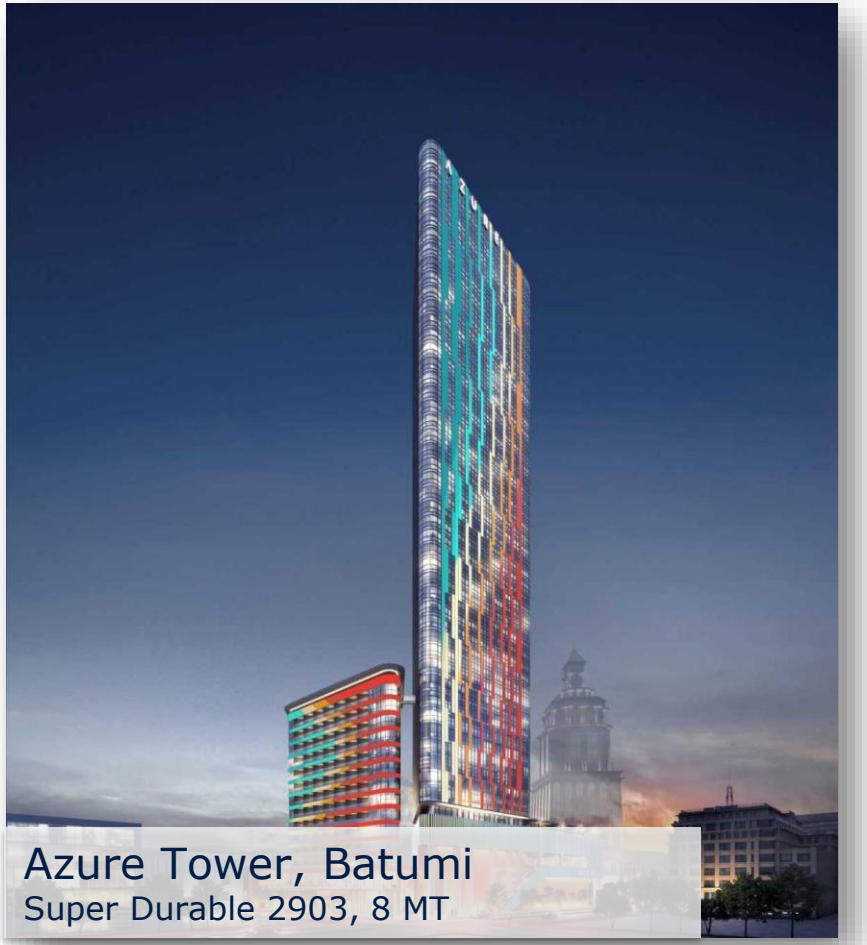
Nov Hotel Bomonti, Istanbul
Super Durable 2902, 40 MT

Folkart Nefes, Istanbul
Super Durable 2903 – Durasol 4003, 3 MT

Çukurova Airport, Adana
Super Durable 2901-2902-2903, 5 MT

Is GYO Altunizade, Istanbul
Super Durable 2901, 2 MT

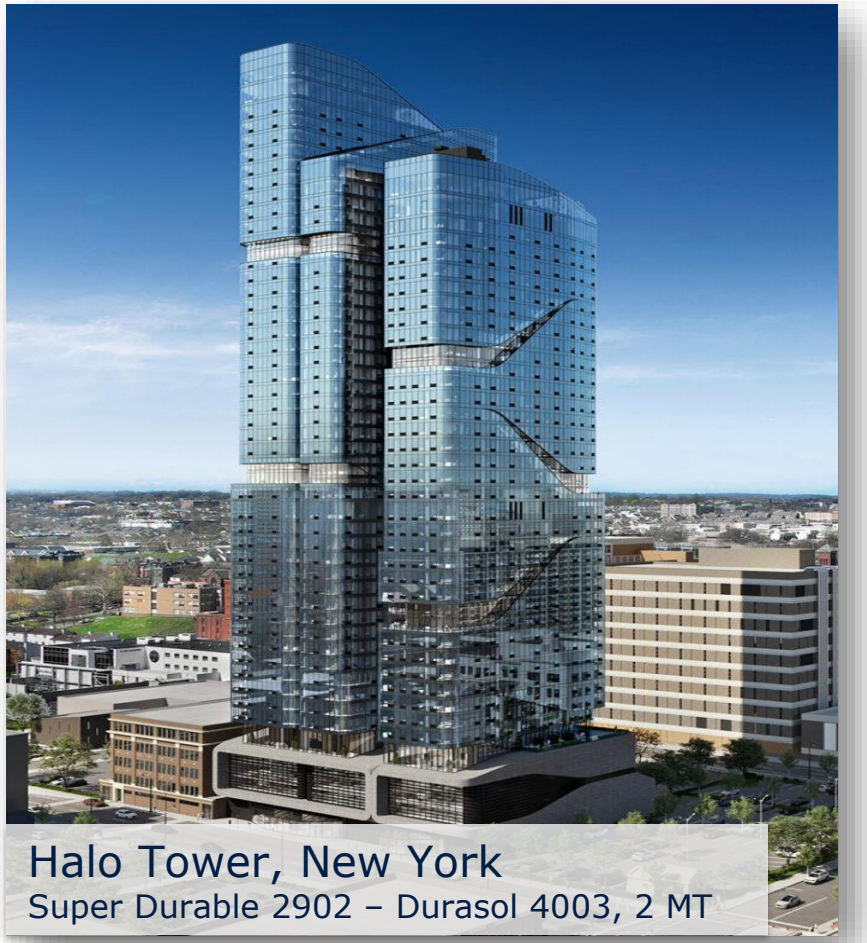
Marina Park Residence 99, Istanbul
Super Durable 2902, 5 MT



Azure Tower, Batumi
Super Durable 2903, 8 MT

Atasehir Modern, Istanbul
Super Durable 2905, 20 MT

USQ Hamburg, Germany
Super Durable 2901-2902-2903, 20 MT



Halo Tower, New York
Super Durable 2902 – Durasol 4003, 2 MT

Akzirve Topkapı 29, Istanbul
Super Durable 2901, 20 MT

The Boulevard, Iraq
Super Durable 2902, 25 MT

Azerbaijan Central Bank, Azerbaijan
Super Durable 2902, 20 MT

Darulaceze Social Service City, Istanbul
Super Durable 2901, 7 MT

Bispebjerg Hospital, Denmark
Super Durable 2901, 7 MT

Powder Coatings

The Nolen Condo, Florida
Super Durable 2903, 12 MT

Kinshasa Congress Center, Congo
Super Durable 2903, 18 MT

Tour Triangle, Paris
Super Durable 2903, 45 MT

Powder Coatings

Natura Vadi, Ankara
Facade 2481, 16 MT

Maya Residence Bodrum, Mugla
Super Durable 2901, 5 MT

Megapol Izmir, Izmir
Super Durable 2903, 7 MT

Jotun Protects Property