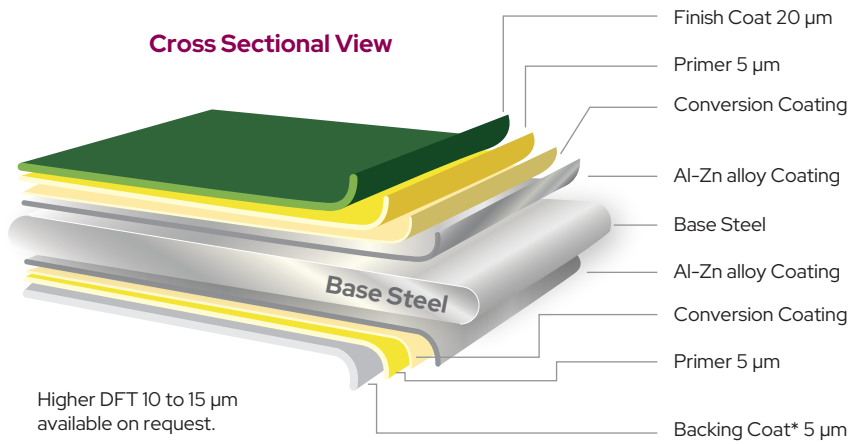


Product Description: It is designed to offer cost effective roofing and walling material in interior and exterior usage.



Typical use:

Roofing / Walling & accessories for all types of general use.

Relevant Standard:

Substrate: IS 15961

Paint Coating: IS 15965 class 2

Dimensional Tolerance: IS/ISO16163

Chemical Element	Guaranteed Maximum (%)		
	Grade 550	Grade 300	Grade 350**
Carbon (C)	0.200	0.250	0.250
Manganese (Mn)	1.200	1.600	1.600
Phosphorus (P)	0.040	0.050	0.050
Sulphur (C)	0.030	0.035	0.035

Line Tested Properties - Top Coat

Paint Type: Finish Coat - Regular Modified Polyester (RMP)			
Properties	Min.	Max.	
Pencil Hardness	HB	-	
Reverse Impact Adhesion (J)	10	-	
T-bend Adhesion (Times Thickness T)	4T	10T	
Gloss @ 60° (unit)	50	70	
MEK Double Rub (nos)	100	-	
Visual Colour Match (Rating)	-	2	
Machine Colour Match - Delta E (unit)	-	2	
Expected Product Service Performance - Top Surface (Topcoat)			
Resistance to Corrosion (hrs)	750 Hrs.	-	
Resistance to Humidity (hrs)	500 Hrs.	-	
QUV Test (hrs)	750 Hrs.	-	
Resistance to Heat - Exposure 100 degree Continuous (Delta E)	-	<3 units	
Resistance to Acids, Alkali, and Solvent (ASTM D1308)	No discoloration and No blistering		
Scratch Resistance (g)	>3 kg.	-	

Note: Single processed lot to be used for one project. Do not mix different lots with different suppliers/ plants in one project. this may lead to visual difference when installed parallelly on same Roof & wall.

**Check availability with the nearest Tata BlueScope Steel Private Limited office

Mechanical Property	Guaranteed Minimum		
	Grade 550	Grade 300	Grade 350**
Yield Strength, MPa	550	300	350
Tensile Strength, MPa	550	340	420
Elongation on 80 mm GL (≥0.60 mm), %	-	18	14
Transverse Bend Test (180° Bend)	-	2t	t

Thickness (BMT)	Width (Min.) mm	Width (Max.) mm	Coating Class*
Tata Steel Ltd. - Khopoli			
0.32 mm to 0.70 mm	900	1250	AZ150
0.71 mm to 1.00 mm	900	1220	AZ150
Tata Steel Ltd. - Meramandali			
0.32 mm to 0.77 mm	900	1220	AZ150

*Coating AZ 200 available on request.

Dimension & Shape	UOM*	Min/(-ve)	Max/(+ve)
Thickness Tolerance	mm	0.04	0.04
Width Tolerance	mm	0	5
Camber (on 2500 mm length)	mm	-	5
Steepness Ratio	%	-	1.2
Winding (Stagger form)	mm	8	8
Coil ID Tolerance	mm	-	10
Coil ID	mm	508	
Telescopicity	mm	-	50

Normal Supply Conditions	
Top Colours	Available in Standard Colours
Back Coat Colour	Standard Light Grey Colour
ID Sleeve	As per Company Standards
Packaging	As per Company Standards
Coil Weight	3 - 5 t
Storage Conditions for Sheets/Coils	Store sheets and coils in a dry environment. If a coil or sheet pack becomes wet, it must be promptly separated and dried to prevent damage.

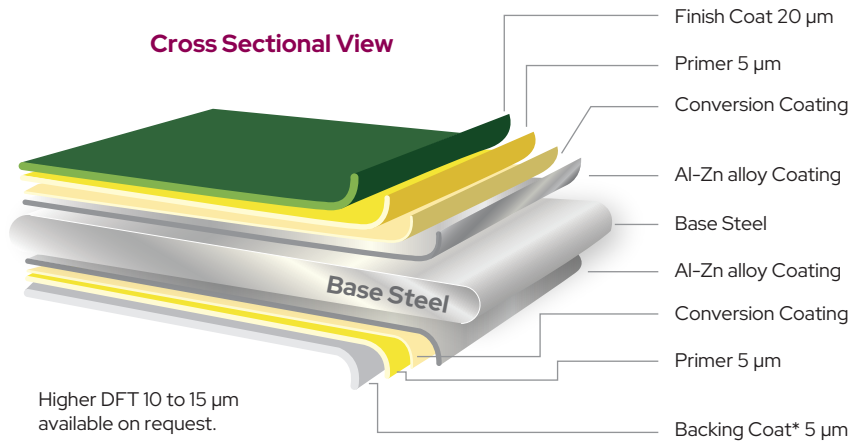
Manufactured at:
Tata Steel Limited, Khopoli, Maharashtra
Khopoli Pen Road, Isamba Phata, Po-Sajgaon,
Tal-Khalapur, Dist- Raigad 410203, Maharashtra, India

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Tata Steel Limited, Meramandali, Odisha
NH-55, Narendrapur, Dhenkanal, Odisha,
759121, India

Marketed by:
Tata BlueScope Steel Pvt. Ltd.
CIN: U45209PN2005PTC020270
Regd. Office: Floor No. 9 & 10, Kalpataru Infinitia,
Final Plot No. 21, Sub Plot No. 3 at CTS No. 15/1,
Wakdevadi, Shivajinagar, Pune - 411003,
Maharashtra, India.
Tel: +91 20 66218000
Website: www.tatabluescopesteel.com
Email: coatedsteel@tatabluescopesteel.com

Product Description: It is designed specifically for outdoor durability in roofing and walling application.



Typical use:

Roofing / Walling & accessories for all types of general use.

Relevant Standard:

Substrate: IS 15961

Paint Coating: IS 15965 class 3

Dimensional Tolerance: IS/ISO16163

Chemical Element	Guaranteed Maximum (%)		
	Grade 550	Grade 300	Grade 350**
Carbon (C)	0.200	0.250	0.250
Manganese (Mn)	1.200	1.600	1.600
Phosphorus (P)	0.040	0.050	0.050
Sulphur (C)	0.030	0.035	0.035

Mechanical Property	Guaranteed Minimum		
	Grade 550	Grade 300	Grade 350**
Yield Strength, MPa	550	300	350
Tensile Strength, MPa	550	340	420
Elongation on 80 mm GL (≥0.60 mm), %	-	18	14
Transverse Bend Test (180° Bend)	-	2t	t

Line Tested Properties - Top Coat			
Paint Type: Finish Coat - Silicon Modified Polyester (SMP)			
Properties	Min.	Max.	
Pencil Hardness	HB	-	
Reverse Impact Adhesion (J)	10	-	
T-bend Adhesion (Times Thickness T)	4T	10T	
Gloss @ 60° (unit)	50	70	
MEK Double Rub (nos)	100	-	
Visual Colour Match (Rating)	-	2	
Machine Colour Match - Delta E (unit)	-	2	
Expected Product Service Performance - Top Surface (Topcoat)			
Resistance to Corrosion (hrs)	1000 Hrs.	-	
Resistance to Humidity (hrs)	500 Hrs.	-	
QUV Test (hrs)	1000 Hrs.	-	
Resistance to Heat - Exposure 100 degree Continuous (Delta E)	-	<3 units	
Resistance to Acids, Alkali, and Solvent (ASTM D1308)	No discoloration and No blistering		
Scratch Resistance (g)	≥3 kg.	-	

Thickness (BMT)	Width (Min.) mm	Width (Max.) mm	Coating Class*
Tata Steel Ltd. - Khopoli			
0.32 mm to 0.70 mm	900	1250	AZ150
0.71 mm to 1.00 mm	900	1220	AZ150
Tata Steel Ltd. - Meramandali			
0.32 mm to 0.77 mm	900	1220	AZ150

*Coating AZ 200 available on request.

Dimension & Shape	UOM*	Min/(-ve)	Max/(+ve)
Thickness Tolerance	mm	0.04	0.04
Width Tolerance	mm	0	5
Camber (on 2500 mm length)	mm	-	5
Steepness Ratio	%	-	1.2
Winding (Stagger form)	mm	8	8
Coil ID Tolerance	mm	-	10
Coil ID	mm	508	
Telescopicity	mm	-	50

Normal Supply Conditions	
Top Colours	Available in Standard Colours
Back Coat Colour	Standard Light Grey Colour
ID Sleeve	As per Company Standards
Packaging	As per Company Standards
Coil Weight	3 - 5 t
Storage Conditions for Sheets/Coils	Store sheets and coils in a dry environment. If a coil or sheet pack becomes wet, it must be promptly separated and dried to prevent damage.

Note: Single processed lot to be used for one project. Do not mix different lots with different suppliers/ plants in one project. this may lead to visual difference when installed parallelly on same Roof & wall.

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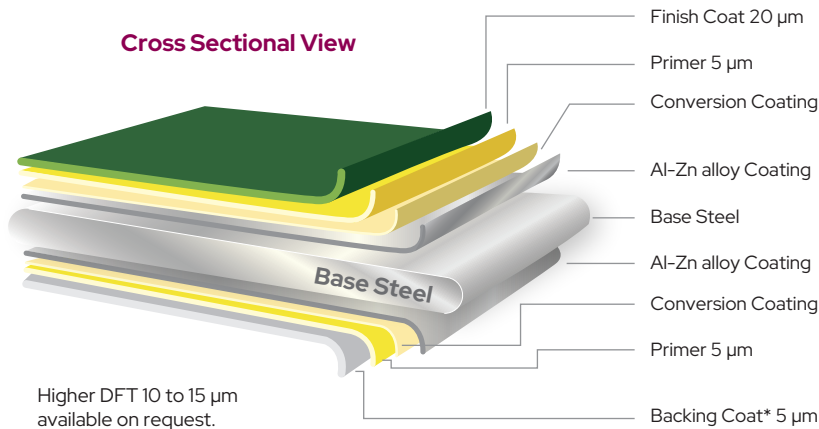
Manufactured at:
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Khopoli Pen Road, Isamba Phata, Po-Sajgaon,
Tal- Khalapur, Dist- Raigad 410203, Maharashtra, India

Tata Steel Limited, Meramandali, Odisha
NH-55, Narendrapur, Dhenkanal, Odisha,
759121, India

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CIN: U45209PN2005PTC020270
Regd. Office: Floor No. 9 & 10, Kalpataru Infinita,
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Wakdevadi, Shivajinagar, Pune - 411003,
Maharashtra, India.
Tel: +91 20 66218000
Website: www.tatabluescopesteel.com
Email: coatedsteel@tatabluescopesteel.com

Product Description: It is designed specifically for outdoor durability, formability in roofing & walling application.



Typical use:

Roofing / Walling & accessories for all types of general use.

Relevant Standard:

Substrate: IS 15961

Paint Coating: IS 15965 class 3

Dimensional Tolerance: IS/ISO16163

Chemical Element	Guaranteed Maximum (%)		
	Grade 550	Grade 300	Grade 350**
Carbon (C)	0.200	0.250	0.250
Manganese (Mn)	1.200	1.600	1.600
Phosphorus (P)	0.040	0.050	0.050
Sulphur (C)	0.030	0.035	0.035

Mechanical Property	Guaranteed Minimum		
	Grade 550	Grade 300	Grade 350**
Yield Strength, MPa	550	300	350
Tensile Strength, MPa	550	340	420
Elongation on 80 mm GL (≥0.60 mm), %	-	18	14
Transverse Bend Test (180° Bend)	-	2t	t

Thickness (BMT)	Width (Min.) mm	Width (Max.) mm	Coating Class*
Tata Steel Ltd. - Khopoli			
0.32 mm to 0.70 mm	900	1250	AZ150
0.71 mm to 1.00 mm	900	1220	AZ150
Tata Steel Ltd. - Meramandali			
0.32 mm to 0.77 mm	900	1220	AZ150

*Coating AZ 200 available on request.

Dimension & Shape	UOM*	Min/(-ve)	Max/(+ve)
Thickness Tolerance	mm	0.04	0.04
Width Tolerance	mm	0	5
Camber (on 2500 mm length)	mm	-	5
Steepness Ratio	%	-	1.2
Winding (Stagger form)	mm	8	8
Coil ID Tolerance	mm	-	10
Coil ID	mm	508	
Telescopicity	mm	-	50

Normal Supply Conditions	
Top Colours	Available in Standard Colours
Back Coat Colour	Standard Light Grey Colour
ID Sleeve	As per Company Standards
Packaging	As per Company Standards
Coil Weight	3 - 5 t
Storage Conditions for Sheets/Coils	Store sheets and coils in a dry environment. If a coil or sheet pack becomes wet, it must be promptly separated and dried to prevent damage.

Line Tested Properties - Top Coat		
Paint Type: Finish Coat - Super Durable Polyester (SDP)		
Properties	Min.	Max.
Pencil Hardness	HB	-
Reverse Impact Adhesion (J)	10	-
T-bend Adhesion (Times Thickness T)	4T	10T
Gloss @ 60° (unit)	50	70
MEK Double Rub (nos)	100	-
Visual Colour Match (Rating)	-	2
Machine Colour Match - Delta E (unit)	-	2
Expected Product Service Performance - Top Surface (Topcoat)		
Resistance to Corrosion (hrs)	1000 Hrs.	-
Resistance to Humidity (hrs)	500 Hrs.	-
QUV Test (hrs)	1000 Hrs.	-
Resistance to Heat - Exposure 100 degree Continuous (Delta E)	-	<3 units
Resistance to Acids, Alkali, and Solvent (ASTM D1308)	No discoloration and No blistering	
Scratch Resistance (g)	≥3 kg.	-

Note: Single processed lot to be used for one project. Do not mix different lots with different suppliers/ plants in one project. this may lead to visual difference when installed parallelly on same Roof & wall.

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