

**E D C**  
ENDURA  
Designer Collection

40X40 cm  
THICKNESS - 1.2 cm

**JOHNSON**  
**ENDURA**  
INDUSTRIAL TILING SOLUTIONS



RAJKOT - NOVEMBER 2021



40X40 cm  
THICKNESS - 1.2 cm

***The unique Endura Designer Collection Glazed Vitrified tiles are 1.2 cm thick and are also made scratch resistant and stain resistant through a special glazed vitrification process. Two unique properties that make them the perfect choice, if you seek an all-enduring and an aesthetically pleasing ambience. Along with these, there are several other aspects to the Endura EDC 1.2 cm that make it the tile, you would choose with eyes closed.***

**• Strong Body**

Vitrified with high breaking strength. It means longevity and durability even in the most high traffic applications and performance in higher temperature variations.

**• Robust Surface**

Layers of special glazes and coating that provide slip - resistance, scratch - resistance and robustness to perform under high footfall traffic conditions, while keeping a fresh and new look, intact for years to come.

**• Elegant Designs**

Designed keeping in mind the post- application flow, shades and textures; thereby maintaining design harmony and semblance in mix-matched patterns with varying patterns that put them on a pedestal right below nature. Adding beauty to its nature inspired concepts.

**• Wide Applications**

Entrance lobbies, courtyards, restaurants, schools, shopping areas, terraces, passages, balconies, exteriors, and more; Basically any high-traffic area that demands to look pleasing, demand the use of Endura EDC. Not just for external use, these concepts just suit compliment internal applications, especially when your theme demands rich, earthen shades, a contemporary yet rustic theme.

**• Minimum Care**

With the upper surface being totally sealed it leaves no room for porosity or absorb anything. Which means you get to flaunt all you want, without a care.

Come, touch and feel this unique collection and realize its potential for your project - no matter big or small, commercial or residential, external or internal. And then you'll experience it in all its beauty and strength.

We recommend usage of 3-4 mm spacers and Ardex Endura grouts for EDC installations in your project as per international tile fixing standards.



40X40 cm  
THICKNESS - 1.2 cm



ADDYSON BROWN



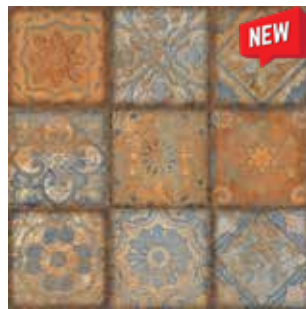
ALETA BROWN



ALETA CAMEL



ALETA LAPIS



ANDRE BROWN



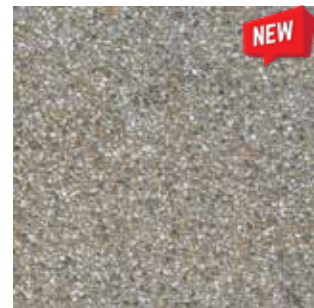
ANSLEY



ARCH STONE NATURA



ARCH STONE WOOD



ARCHIE ANCHOR

40X40 cm  
THICKNESS - 1.2 cm



*Betsy Black*





ARCHIE RUSSET



ARCHIE TAN



ARIC IRON



ARIC SEPIA



BEACH STONE BEIGE



BEACH STONE GREY



BETSY BLACK



BETSY WHITE



BRADLEY BEIGE



BRADLEY BRONZE



BRADLEY NERO



BRADLEY SILVER

40X40 cm  
THICKNESS - 1.2 cm



BROOK BROWN



BRUNO WOOD



BURT BRONZE



CANYAN BROWN



CANYAN GREY



CARROM BEIGE





CARROM COTTO



CARROM MIX



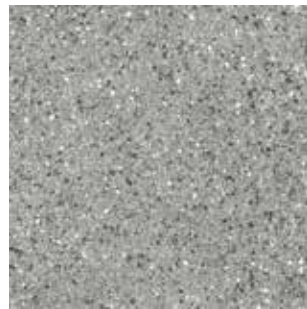
CARROM WOOD



COSMO BLACK



COSMOS MIX



FLAKE GREY



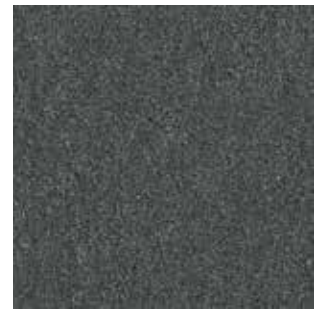
40X40 cm  
THICKNESS - 1.2 cm



FLAKE NERO



GRANO GREY



GRANO NERO



GRANO WHITE



GROUND STONE



GROUND STONE GREY





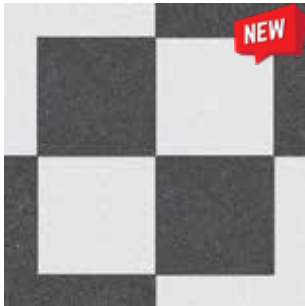
HEXA GREY



HEXA MIX



JEZA BRONZE



JEZA GREY



LIZETTE



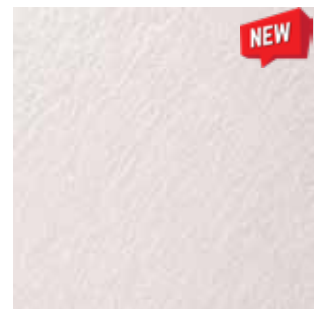
MAZE GREY



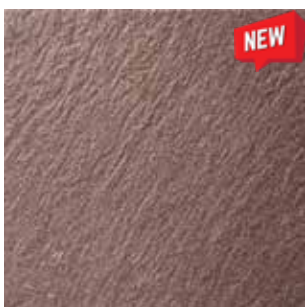
MAZE MIX



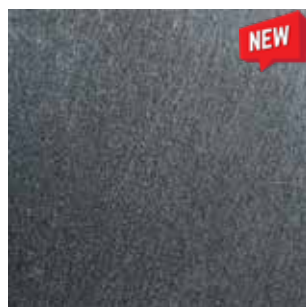
MAZE WOOD



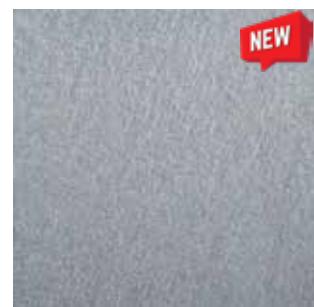
MICA BEIGE



MICA BRONZE



MICA NERO



MICA SLATE

40X40 cm  
THICKNESS - 1.2 cm



*Midway Grey*



MIDWAY COTTO



MIDWAY GREY



MIDWAY SILVER



PORTO BROWN



RANGOLI MASON CAMEL



RANGOLI MASON CHOCO





RANGOLI MASON RUSSET



SILVA COPPER



STRIP CHARCOAL



TITO DOT BIEGE



TITO DOT BLACK



XAVIA BROWN



XAVIA CREMA



*Tito Dot Beige*

## PACKAGING DETAILS

Product Endura Designer Collection	Nominal Size (mm)	No. of Tiles/box	Approx. Area/ box (sq.m)	Approx. Weight/ box (kg)	Approx. Cartons/20' Container	Approx. Cartons/20' Container (sq.m)	Approx. Boxes/16T Truck	Approx. sqm/16T Truck
Thickness - 12 mm								
400 x 400R	400 x 400	5	0.80	20	1350	1080	800	1000



# TECHNICAL SPECIFICATIONS

## EDC DESIGNER COLLECTION TILES

Sr. No	Test Description	ISO 13006 / EN 14411 Group B1a	IS - 15622:2017 Group B1b	Johnson Endura EDC	Test method
A) Dimension Quality		whichever is less applicable Rectified	Rectified	400X400X12mm	
1	Deviation in Length & Width	±0.3% or ±1.0% mm	±0.1%	±0.1%	ISO 10545-2 / IS 13630-1
2	Deviation in thickness	±5% or ±0.5mm	±5%	±4%	
3	Straightness of sides	±0.3% or ±0.8mm	±0.1%	±0.1%	
4	Rectangularity	±0.3% or ±1.5mm	±0.1%	±0.1%	
5	Surface flatness	±0.4% or ±1.8mm	±0.5%	±0.3%	
6	Surface Quality	Min 95%	Min 95%	Min 95%	
B) Physical Properties					
1	Water Absorption	< 0.5%, individual Max 0.6%	0.08%<E≤3, individual 3.3 max	< 0.5%	ISO 10545-3 / IS 13630-2
2	Scratch hardness of surface (Moh's scale)	-	≥5	≥6	IS 13630 part 13
3	Flexural Strength (Average MOR)	>35N/mm <sup>2</sup> , Individual 32N/mm <sup>2</sup> , Min	>30N/mm <sup>2</sup> , Individual 27 min	≥38N/mm <sup>2</sup>	ISO 10545-4 / IS 13630-6
4	Breaking Strength	≥1300N	≥1100N	> 1800 N	ISO 10545-4 / IS 13630-6
5	Impact Resistance	report value	≥ 0.55	≥ 0.55	ISO 10545-5 / IS 13630 -14
6	Crazing Resistance	Report cycle	4 cycle	No damage	ISO 10545-11 / IS 13630- 9
7	Surface Abrasion Resistance (PEI Rating)	Report abrasion class	Class II, Min	Min PEI III - IV	ISO 10545-7 / IS 13630 - 11
8	Skid resistance (Coefficient of Friction )	NA	Manufacturer to declare	0.3 to 0.5	ISO 10545 -17 /ANSI A 326.3
9	Bulk Density, in (g/cc)	≥2.0	≥2.0	>2.2	ASTM C373-16 / IS 13630-2
10	Moisture expansion	Manufacturer to declare	Max 0.02 mm/m	≤ 0.02 mm/m	IS 13630-part 3 /ISO 10545-10
11	Frost resistance	Manufacturer to declare	Manufacturer to declare	No damage	ISO 10545-12 / IS 13630-10
12	Color Resistance to UV light	report result	report result	No change in color	DIN 51094
C) Chemical Properties					
1	Resistance to Chemicals				ISO 10545-13 / IS 13630-8
	1) Resistance to Low concentrations of acids & alkalis	report resistance class	report resistance class	GLA/AA	
	2) Resistance to High concentrations of acids & alkalis	report resistance class	report resistance class	GHA/AA	
	3) Resistance to household chemicals and swimming pool salts	GB min	AA min	GB (ISO)/AA (BIS)	
2	Stain resistance	Min Class 3	Class 1 min	Class 3 (ISO)/ Class 1 (IS)	ISO 10545-14 / IS 13630-8
D) Thermal Properties					
1	Linear Thermal Expansion	Report value	≤7 x 10 <sup>-6</sup> K <sup>-1</sup>	≤7 x 10 <sup>-6</sup> K <sup>-1</sup>	ISO 10545-8/ IS 13630-4
2	Thermal shock resistance	-	10 Cycle , Min	10 Cycle , Min	ISO 10545-9 / IS 13630 -5

# Ramp Test: Suitable for all kind of surfaces (Plain, structural..etc)

# Slider (BOT -3000E Digital Tribometer) : suitable for plain / smooth surface and not working for structural / profiled surface

# JOHNSON EXPERIENCE CENTRES

Location	Address	Tel.
Kolkatta	83 JBS Haldane Avenue, TOPSIA Trinity towers Kolkata - 700046	033-46021880
Guwahati	1st Floor, Above Royal Riders Honda, Near Rahul Kata, Pub Bragaon, Garchuk, Guwahati - 781035	8135846661/7575900492
Bhubaneshwar	229/5332, Gautam Nagar, Bhubaneshwar - 751014	0674-2430240
Thane	Shop No.5, Gr.Floor, Cosmos Jewels, Near Dmart, Anand Nagar, Ghodbunder Road, Thane West - 400615	022-25867600 / 666
Pune	Sable House, Poona Snuff Factory, Sr. No 11A, Plot 408/4/5, Satara Road, Gultekadi, Pune - 411037	7350009364
Mumbai	1st flr, Bonanza, Sahar Plaza, Nr Hotel Kohinoor continental, J B Nagar, Andheri Kurla Road, Andheri East, Mumbai - 400059	9920050197
Ahmedabad	F 106-107, Shivalik Plaza, IIM Road, Panjrapole Cross Road, Ahmedabad, Gujarat - 380015	079-48480010
Indore	Shop No 5, 6, 7 and 8, Upper Ground Floor, Exotica, Shalimar Township, Village Niranjapur, A.B. Road, Indore, Madhya Pradesh - 452001	0731-4988340/4007441
Raipur	2nd Floor, MM Silver Plaza, Opp Udyog Bhawan, Ring Road - 1, Raipur, Chattisgarh - 492001	7714919129
Lucknow	1st Floor, Prithvi Ratan Height, Plot No CP-4, Vijayant khand - 3, Gomtinagar Yojna, Lucknow - 226028	0522-2721699
Chandigarh	SCO 214, sector14, Panchkula, Haryana - 134109	0172-4691000
Varanasi	Ashakunj, 1st floor, D59/103 D4, Opp Siddharth Complex, Sigra Mehmoorganj Road, Varanasi - 221010	0542-2222620
Delhi	First & Mezzanine Floor, B-1/G-3, Mohan Industrial Estate, Mathura Road, New Delhi - 110094.	9319244955
Coimbatore	Elysium Towers, Park Gate Rd, No. 21, ATT Colony, Gopalapuram, Coimbatore - 641018	0422-4382698
Chennai	82, 84 & 86 Bascon Maeru, 1st floor, Kodambakkam High Road, Nungambakkam, Chennai - 600034	044-48611632
Kochi	Door no. 11/300 f, Next to VTJ Hyundai, NH 47 Kundanoor, Maradu, Kochi, Ernakulam - 682304	0484-4871277/ 4098555
Kozhikode	Survey no 279/32, 279/33, Malaparamba Bypass, Kudilthod, Kozikode, Kerala - 673002	0495-2352474/ 2352752
Thiruvananthapuram	1st Floor, Sreedhanya Apex, TC 22/3720 (4) Vellayambalam, Sasthamangalam PO, Thiruvananthapuram, Kerala - 695010	9747041155



## YOU CAN ALSO REACH US AT

Region	Branch	Tel.
East	Kolkata	033-46021880
	Bhubaneshwar	0674-2430240
	Siliguri	9836065812
	Guwahati	8135846661/7575900492
	Ranchi	9576038118
West	Mumbai	9920050197
	Thane	022-25867600 / 666
	Pune	020-41301164 / 31
	Ahmedabad	079-48480010
	Raipur	0771-4919129
	Indore	0731-4007441
North	Jalandhar	0182-4505038 / 39
	Chandigarh	0172-4697100
	Delhi	011-49526600
	Jaipur	0141-2368329
	Lucknow	0522-2721699
	Ghaziabad	0120-4110377
	Varanasi	0542-2222620
	Patna	9576038781
South	Bengalure	080-22246841/42
	Hyderabad	040-29802270 / 71 / 72
	Vijayawada	9666429666
	Vishakhapatnam	0891-2796376
	Tirupati	9121228960
	Kochi	0484-4871277/ 4098555
	Kozhikode	0495-2352474/ 2352752
	Thiruvananthapuram	9747041155
	Chennai	044-28544116 / 28541881
	Coimbatore	0422-4382698 / 2210501
	Madurai	0452-4355584 / 4355594
	Trichy	9486718544

Toll Free No.: 1800-22-7484 E-mail : tiles.customer@prismjohnson.in  
www.enduratile.com



## PRISM JOHNSON LIMITED

### H & R JOHNSON (INDIA) DIVISION

**Corporate Office :** 7th Floor, Windsor, C. S. T. Road, Kalina, Santacruz (East), Mumbai - 400 098, India.

**Tel.:** +91-22- 4064 7300 **Website :** www.hrjindia.com

**Registered Office :** 305, Laxmi Niwas Apartments, Ameerpet, Hyderabad - 500016, Telangana, India.

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