



HDPC CLADS

Splash
of exuberance

**Fire
Retardant**



VOL 6
2024 - 25
COLLECTION

Available in
2.44 meters (8 ft) &
2.9 meters (9 ft 6 inches)



company profile

MERAKI, the most trusted brand in India for Interior Products, started this journey in 2015 with the manufacturing of PVC Laminates as "the First Indian Manufacturer" and within a short span of time, MERAKI proved its success with the introduction of excellent range of various Innovative Products.

MERAKI, along with leader in PVC LAMINATE INDUSTRY, Now started a new venture of multiple products like ACRYLIC LAMINATES, INTERIOR & EXTERIOR CLADS for becoming a one-stop solution for your all interior and exterior needs.

MERAKI HDPC CLADS are elegantly & uniquely designed keeping in mind the premium needs of Architects and End Users. With State-of-the-Art German Manufacturing technology, it is the first choice of Home Owners, Architects and Interior Designers when it comes to transforming residential and commercial spaces.

MERAKI INTERIORS is the most trusted name amongst manufacturers of Building Materials. We are operational from Sonipat, Haryana since 2015.



Fire Retardant

Test Reports

SHREE RAM TESTING LABORATORIES
 ISO 14001 : 2015 & ISO 9001 : 2015 Approved Laboratory
 Lab: A-2/103, Site-V, UPSIDC Industrial Area, Karnau, Greater Noida-201306
 H.O. 223, 2nd Floor, Living Style Mall, Jaisi, New Delhi-110025
 Mob: 9953984801, 9717160780, 9999024801, E-mail: sr.l.noida@gmail.com
 E-mail: info@shreeramlab.com, shreeramlab@yahoo.com, Website: www.shreeramlab.in

TEST REPORT

Issued to: M/S Meraki Interiors
 Plot No-205, HSIDC, Industrial Estate Phase-I, Barhi, Sonapat-131101.
 Sample Description: HDPC CLADS

Report No: MS-150224-01
 Report date: 29/02/2024
 Sample Received: 15/02/2024
 Analysis date: 21/02/2024 to 29/02/2024
 Sampled By: Customer

Fire resistance test observations:

Time- Min. Sec.	Observations
00:00	Furnace was started at -2.0mm Wg furnace pressure
05:00	No smoke on unexposed face
30:00	No smoke on unexposed face
40:00	No smoke on unexposed face
60:00	No smoke on unexposed face Furnace Stopped.

- The average temperature of the unexposed face of the specimen does not increase above the initial temperature by more than 140 degree C.
- The max. temperature at any point:
 - Not exceeded above the initial temperature by more than 180 degree C.
 - Not exceeded 220 degree C irrespective of the initial temperature.

STANDARD TEMPERATURE TIME CURVE ASTM E 119

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Notes: (1) The above results are related only to the test performed on the sample. Endorsement to product is neither inferred. (2) This report is not to be reproduced wholly or in part & can not be used as an evidence in the court of law & should not be used in any advertising media without special permission in writing (3) Sample will be destroyed after 30 days from the date of reporting unless otherwise specified. (4) Total liability of our lab is limited to the invoice amount (5) report refers to the sample drawn by shree ram testing laboratories unless mentioned otherwise

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Fire Resistance Test / Fire Rating Test

Test Results & observations:

Sr.No.	Test Parameters	Test Methods	Observations
1.	Duration: 90 Minutes. Temperature#	Fire-resistance rating for 90 minutes as per ASTM E 119	Stability- Yes Integrity- Yes Thermal insulation- Yes

- The average temperature of the unexposed face of the specimen does not increase above the initial temperature by more than 140 degree C.
- The max. temperature at any point:
 - Not exceeded above the initial temperature by more than 180 degree C.
 - Not exceeded 220 degree C irrespective of the initial temperature.

Conclusion:
 The fire resistance test observations reveals that the HDPC specimen was able to withstand standard fire exposure for 90 minutes with respect to stability, integrity & thermal insulation hence confirms the Fire Resistance Rating building insulation requirements.

Compliance: Fire-resistance rating complying with NBC 2015 code requirements.

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RESULTS

Sr. No.	Parameter	Test Method	Result	Requirement (As per ASTM E 84) (Class - A)
A.1.	Flame Spread Index (FSI)		25	0-25
B.1.	Smoke Developed Index (SDI)	ASTM E 84 (A-172)	45	0-450
C.	Classification		Class-A	Class-A

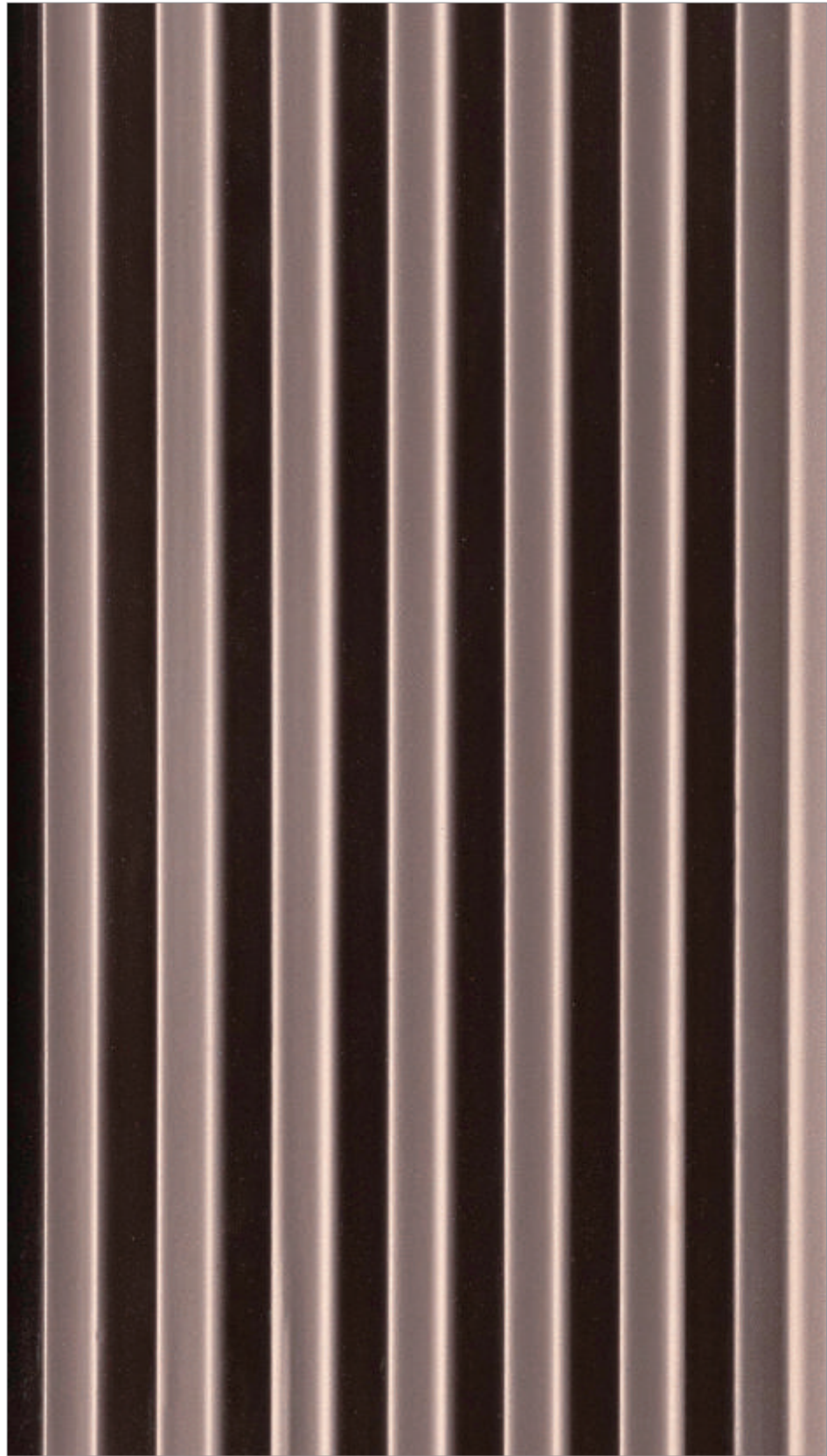
Observation: The specimen ignited approximately 24 second after exposure to the test flame. Class-A deformation observed. CONTINUE.

"SURFACE BURNING CHARACTERISTICS (Flame spread Index - FSI & Smoke Developed Index- SDI) in accordance with ASTM E 84 -2018 (UL-773) conforms to NFPA 90A: 90B & life safety code NFPA 101"

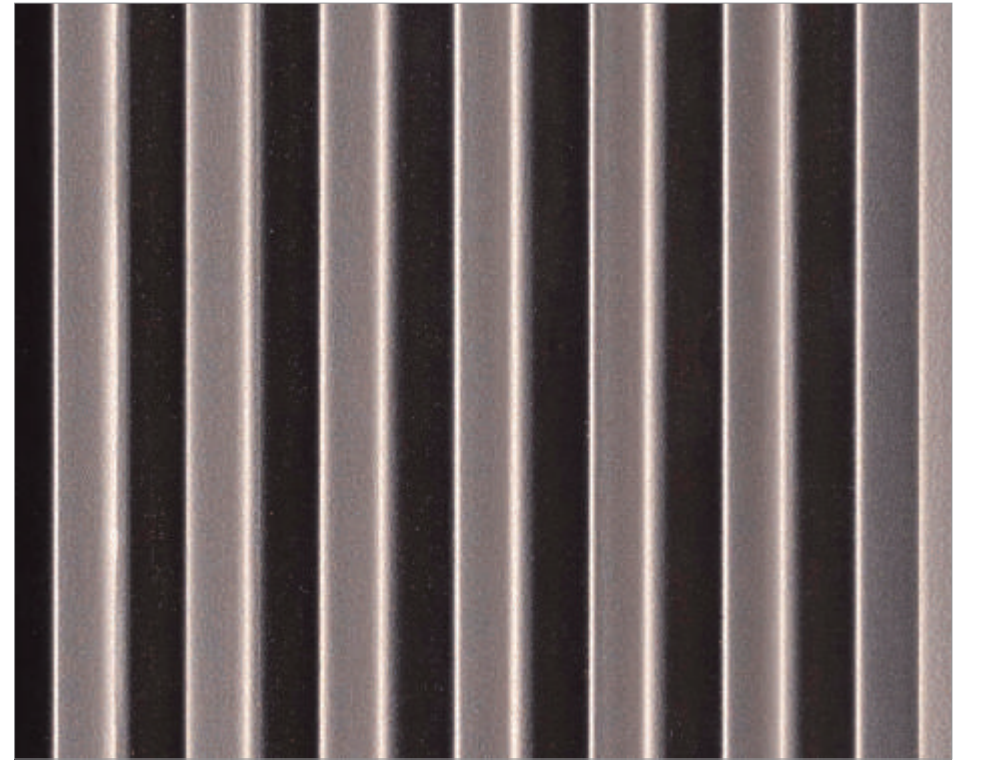
END OF REPORT

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MRL - 6501



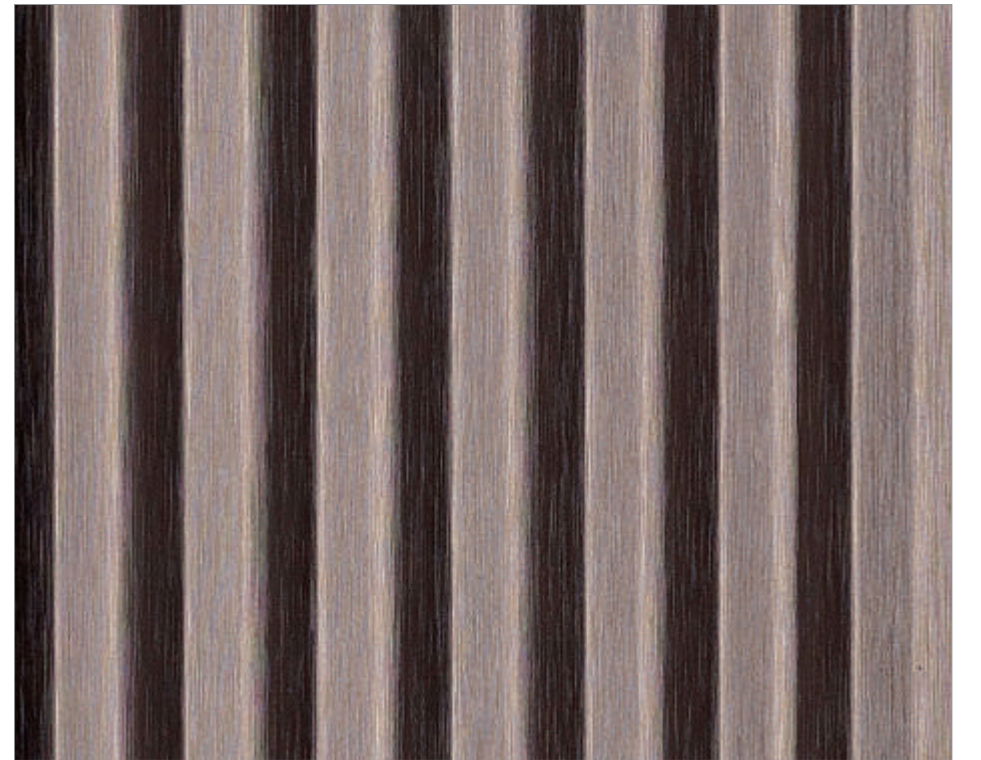
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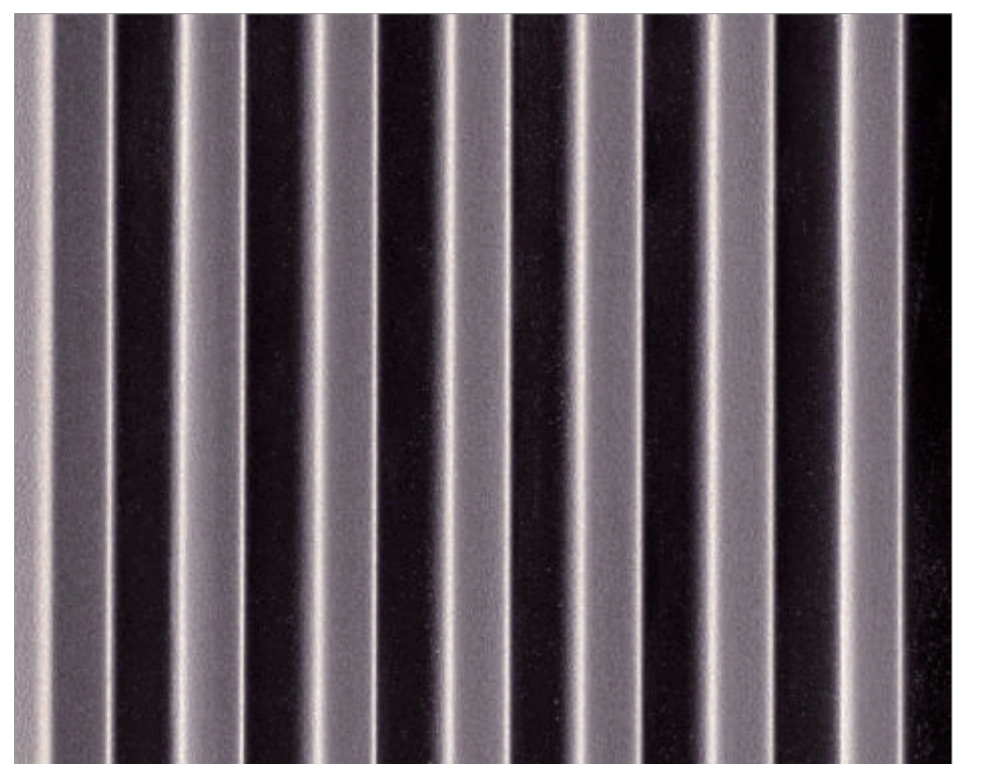
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MRL - 6502



MRL - 6505



MRL - 6506

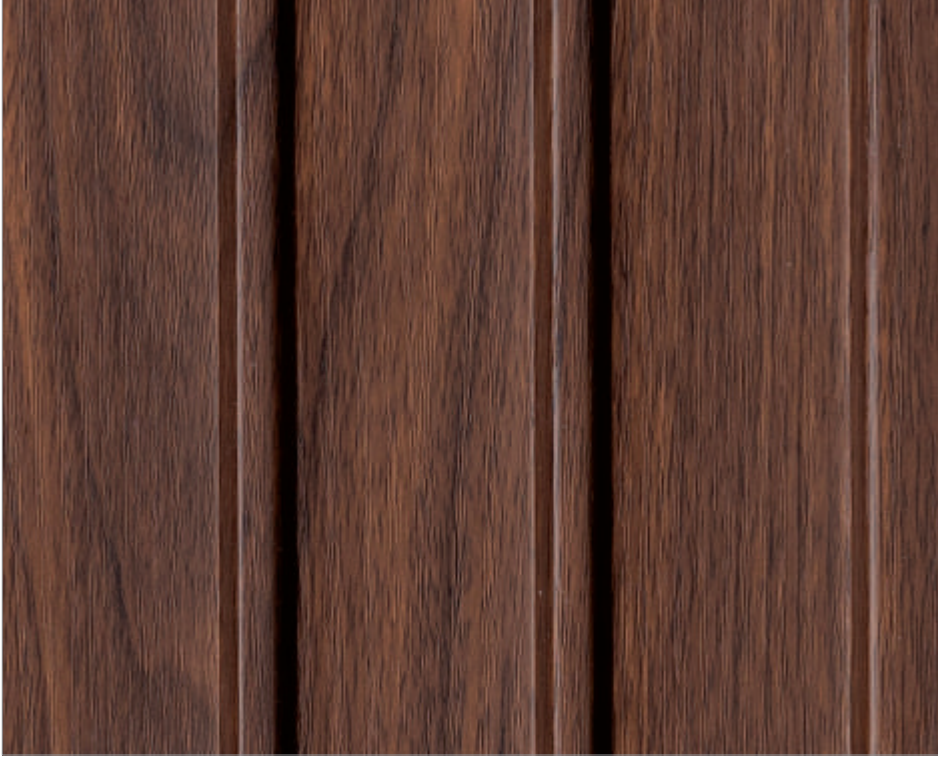




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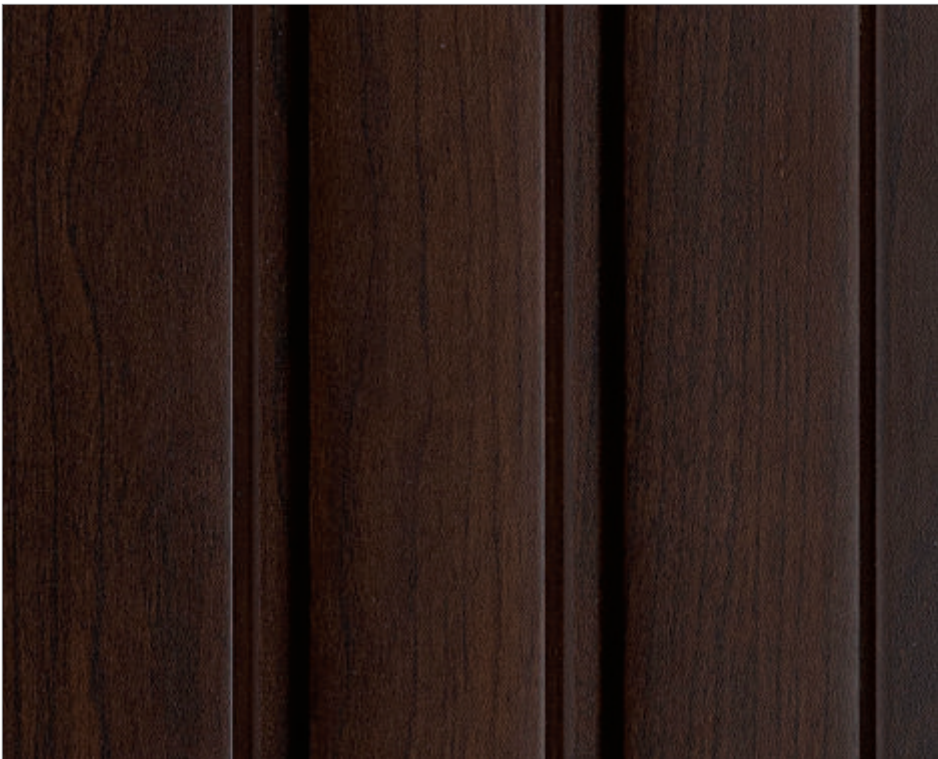
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MRL - 6003



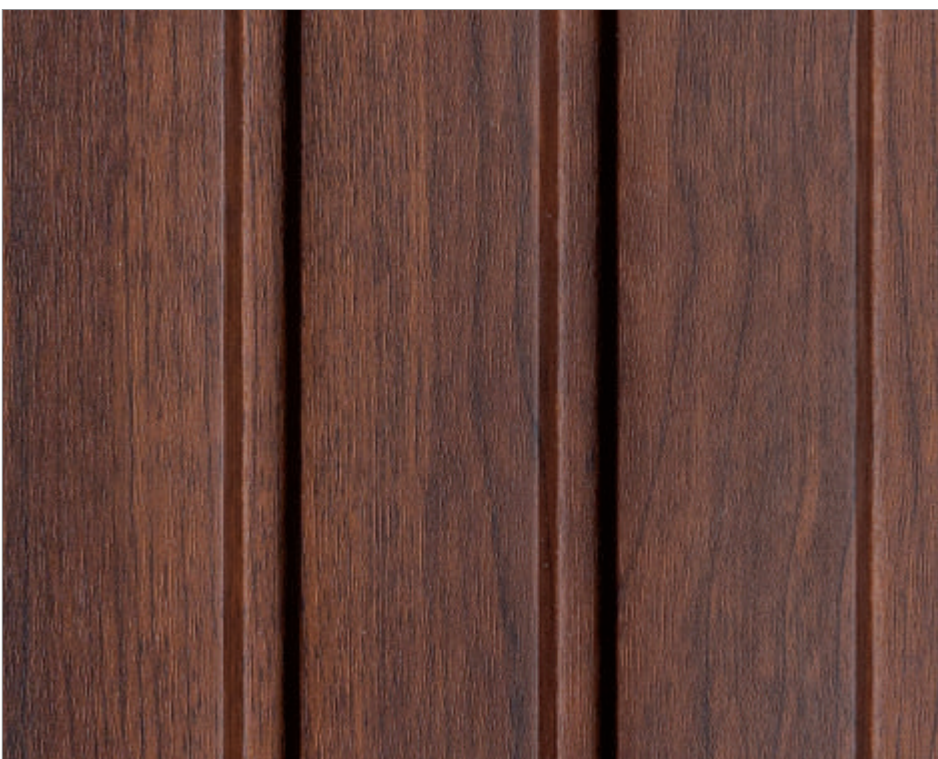
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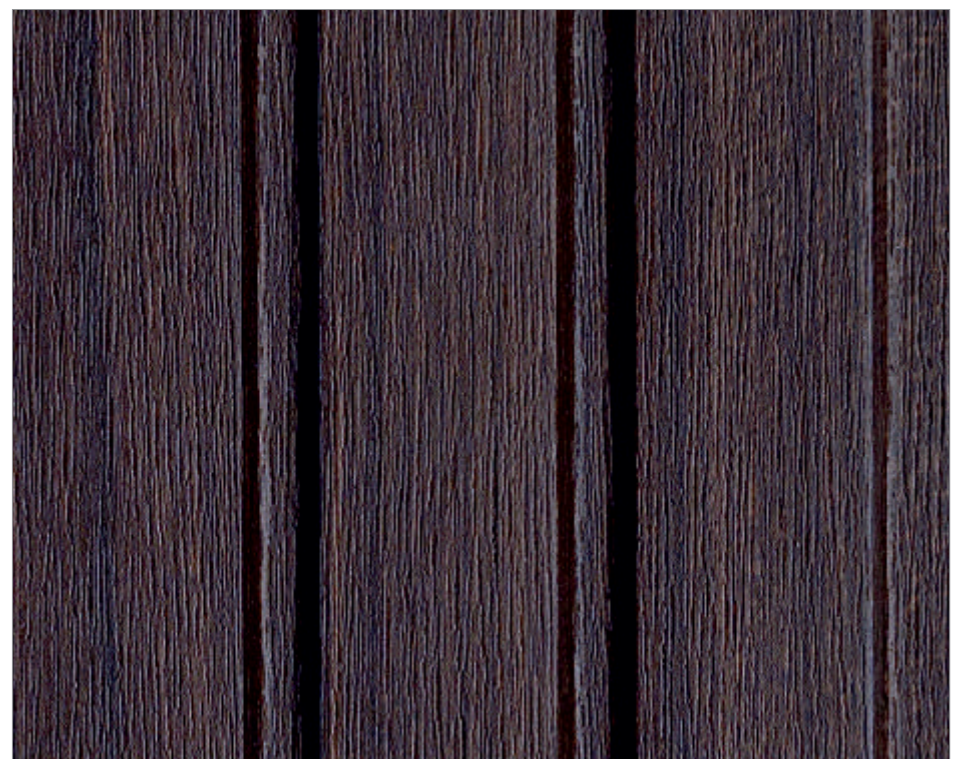
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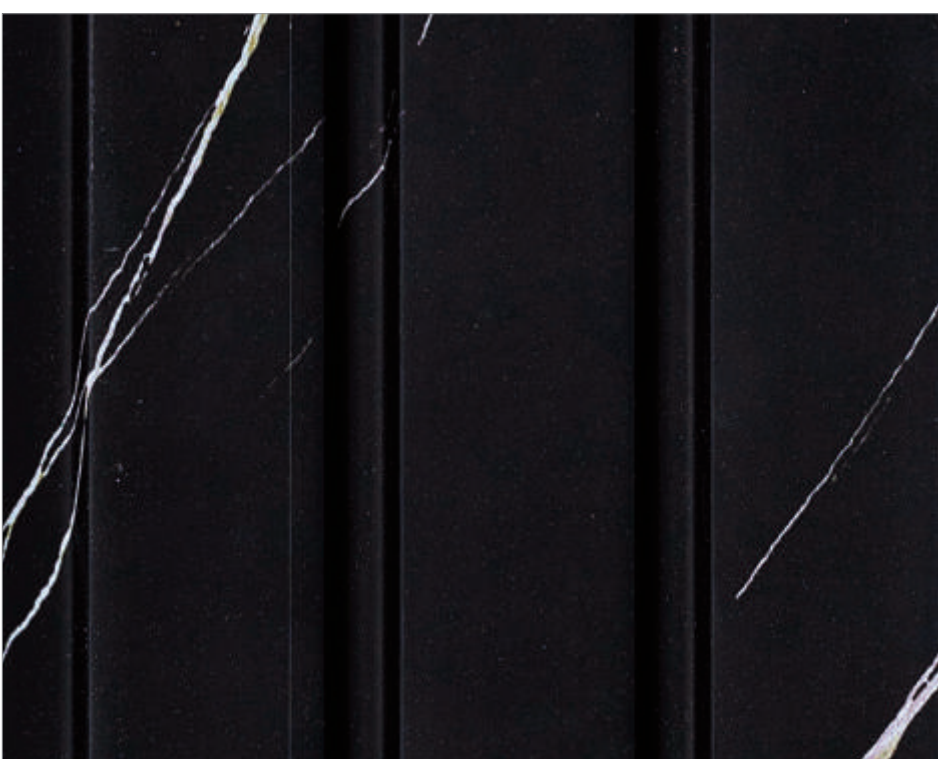
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MRL - 6007



MRL - 6008

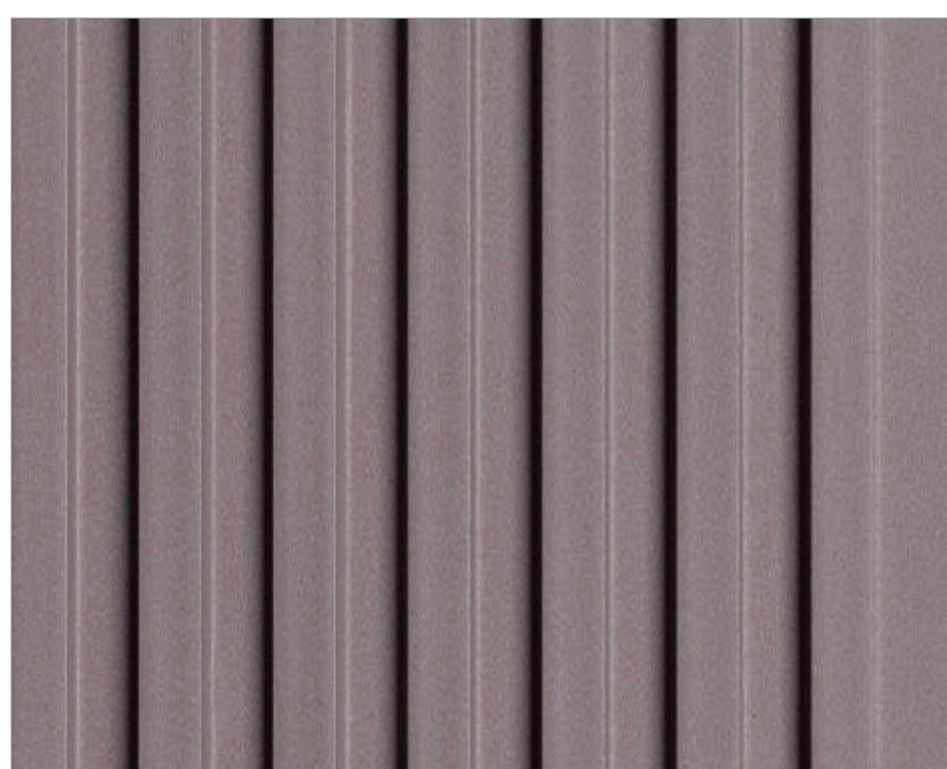


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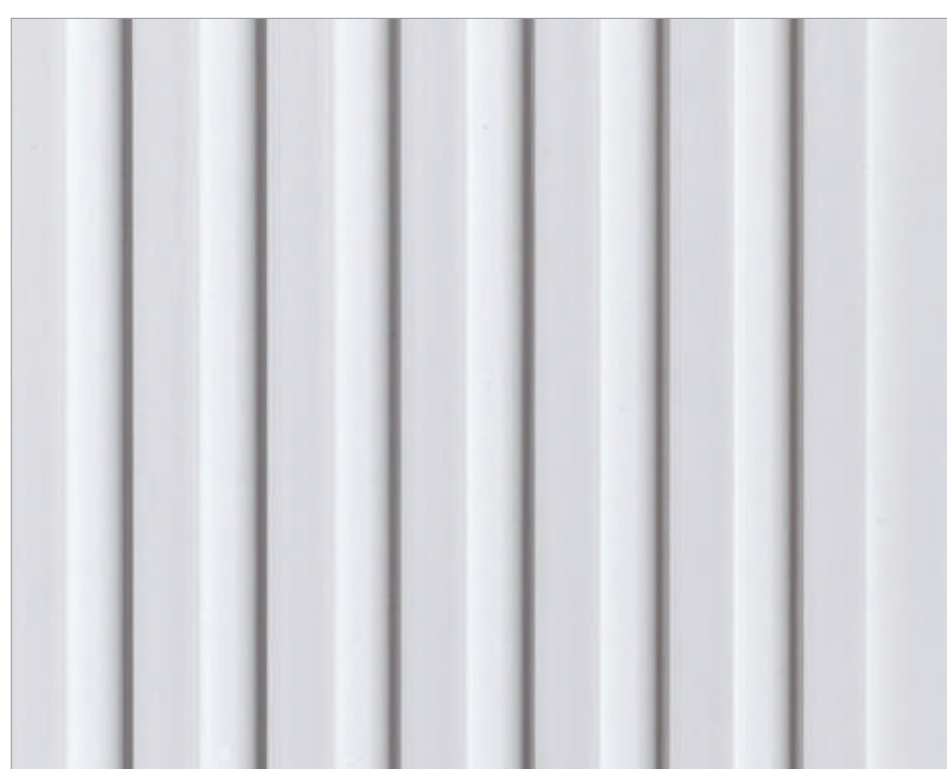


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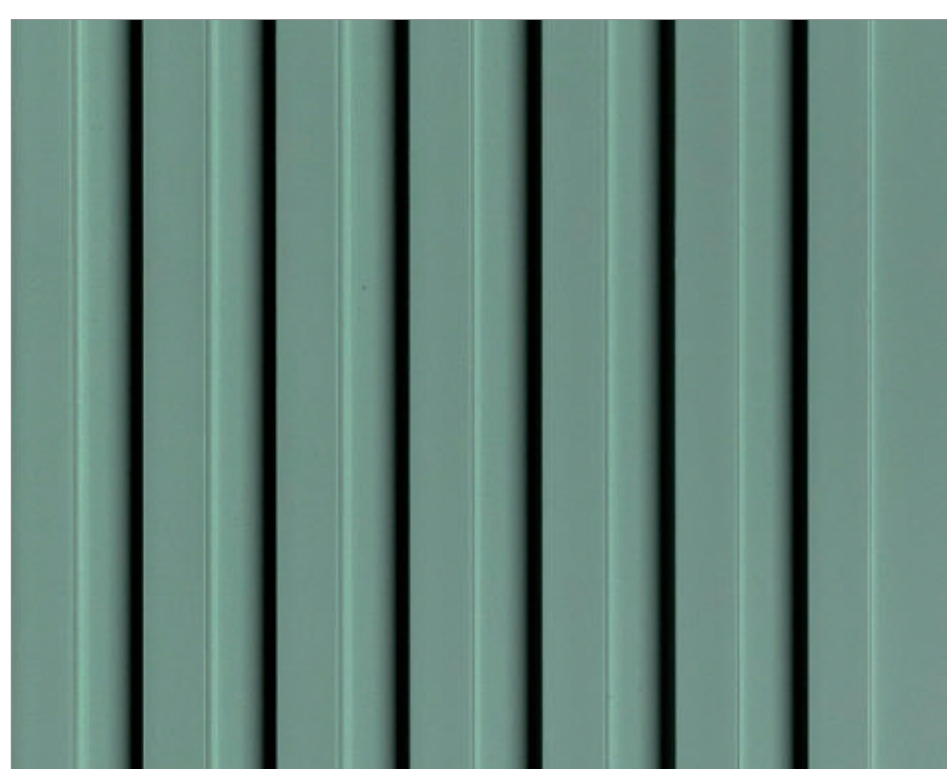
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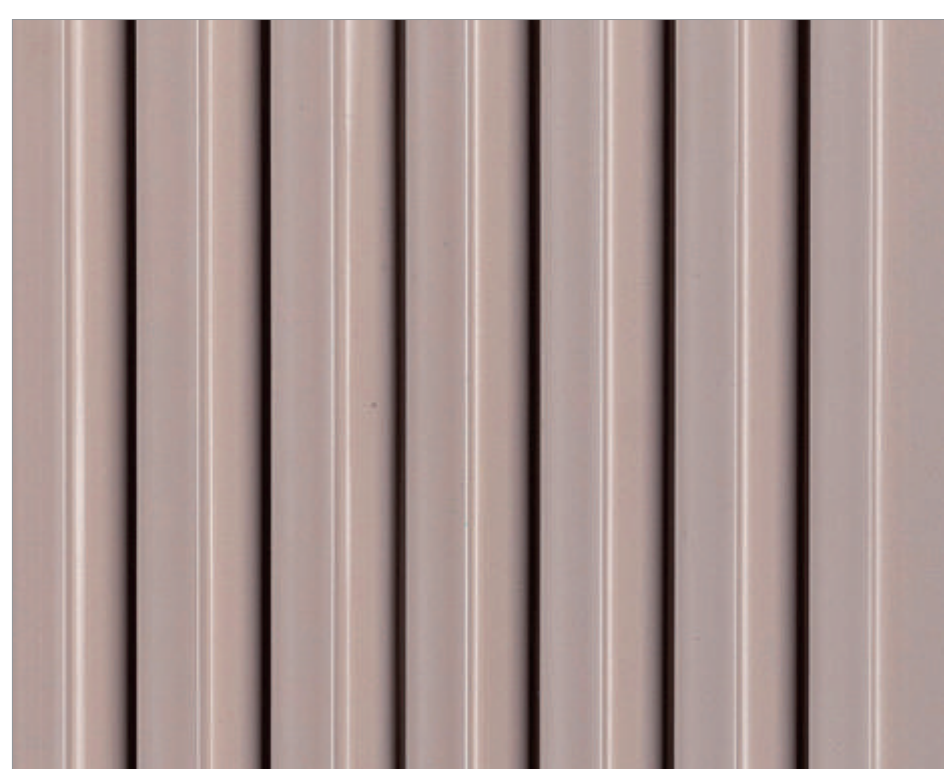
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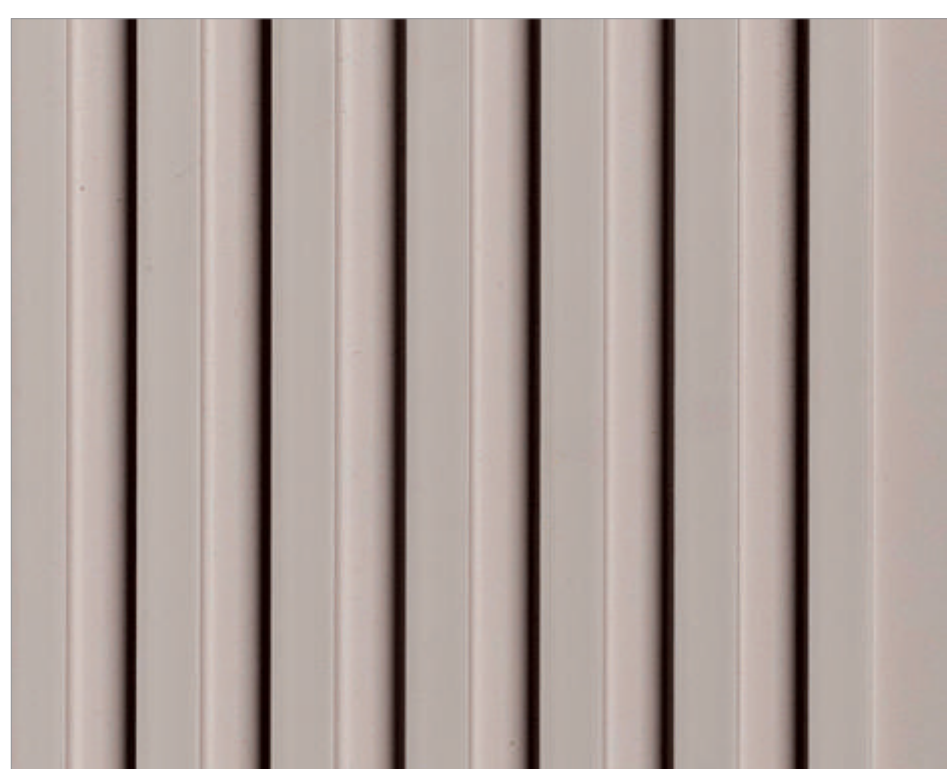
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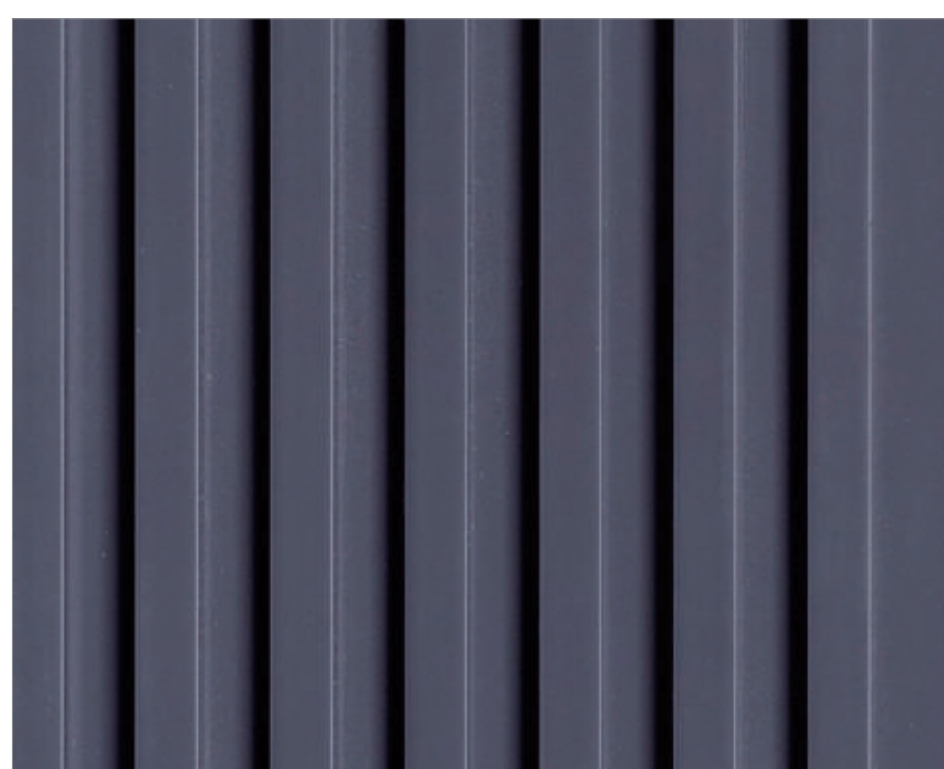
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MRL - 6026



MRL - 6024



MRL - 6027



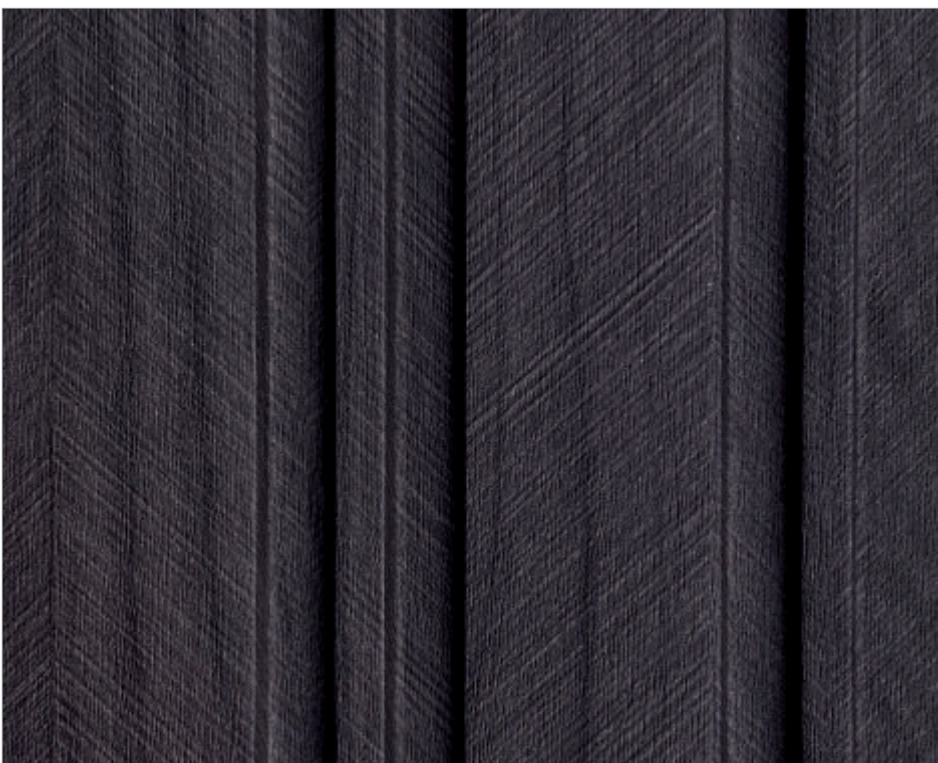
HDPC CLADS



MRL - 6051



MRL - 6052



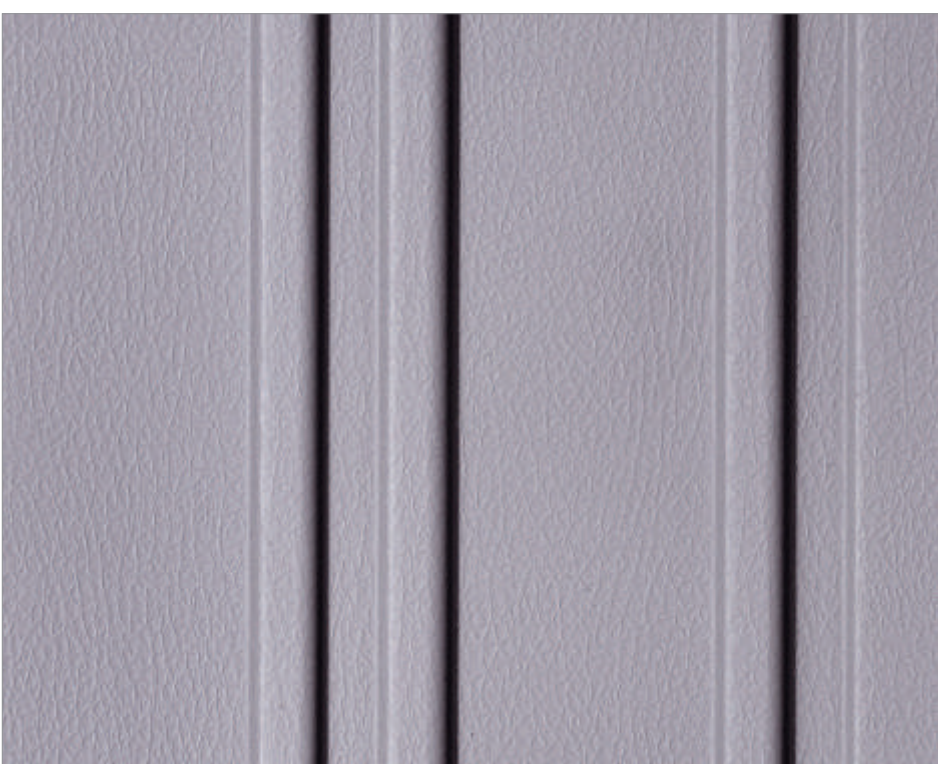
MRL - 6053



MRL - 6056



MRL - 6054



MRL - 6055



MRL - 6057



FEATURES



Water Proof



Borer Proof



Seamless Pattern



Long Lasting & Durable



Termite Resistant



Environment Friendly



Easy to Install



No Contraction or Expansion



Fire Retardant



Higher Density



Easy to Clean





Available in
2.44 meters (8 ft) &
2.9 meters (9 ft 6 inches)

Meraki Interiors

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CUSTOMER CARE NUMBER
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AN ISO 9001:2015 CERTIFIED COMPANY



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