

ENDURA

WEAR-PLATES



Powering the
Future of Durability

ADOR WELDING LIMITED (M&R Div.)

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ENDURAPLATE®



Key Attributes

- Maximum wear resistance with high carbide concentration
- Enhanced durability through greater hardness depth
- Smoother finish from fine-rippled weld deposits
- Versatility with a wide range of sizes and custom profiles

Introduction

EnduraPlate sets the benchmark in wear-resistant solutions, engineered for performance and reliability. Crafted using state-of-the-art flux-cored wire technology and validated through extensive field trials, EnduraPlate redefines durability standards in industrial applications. With its exceptional wear resistance, superior formability, and seamless compatibility with advanced plasma cutting techniques, EnduraPlate is your trusted ally in tackling the harshest conditions. Experience resilience like never before.

EnduraPlate is the culmination of innovative engineering and robust materials science, providing a solution that stands strong against wear and tear. Designed for applications demanding maximum endurance, its high carbide concentration ensures unparalleled wear resistance, while its greater hardness depth promises enhanced durability. The fine-rippled weld deposit finish offers a smoother surface, contributing to its seamless integration across diverse industrial uses. Available in a wide array of sizes and custom profiles, EnduraPlate adapts to your specific project needs with flexibility and precision.

What is EnduraPlate?

EnduraPlate 1060

Chemistry: Chromium Carbide

Hardness: 57-60 HRC

Wear Resistance: Abrasion & Impact

Size Range: 5+3, 6+4, 8+4, 10+6, 12+4
(with custom sizes available)

EnduraPlate 2060

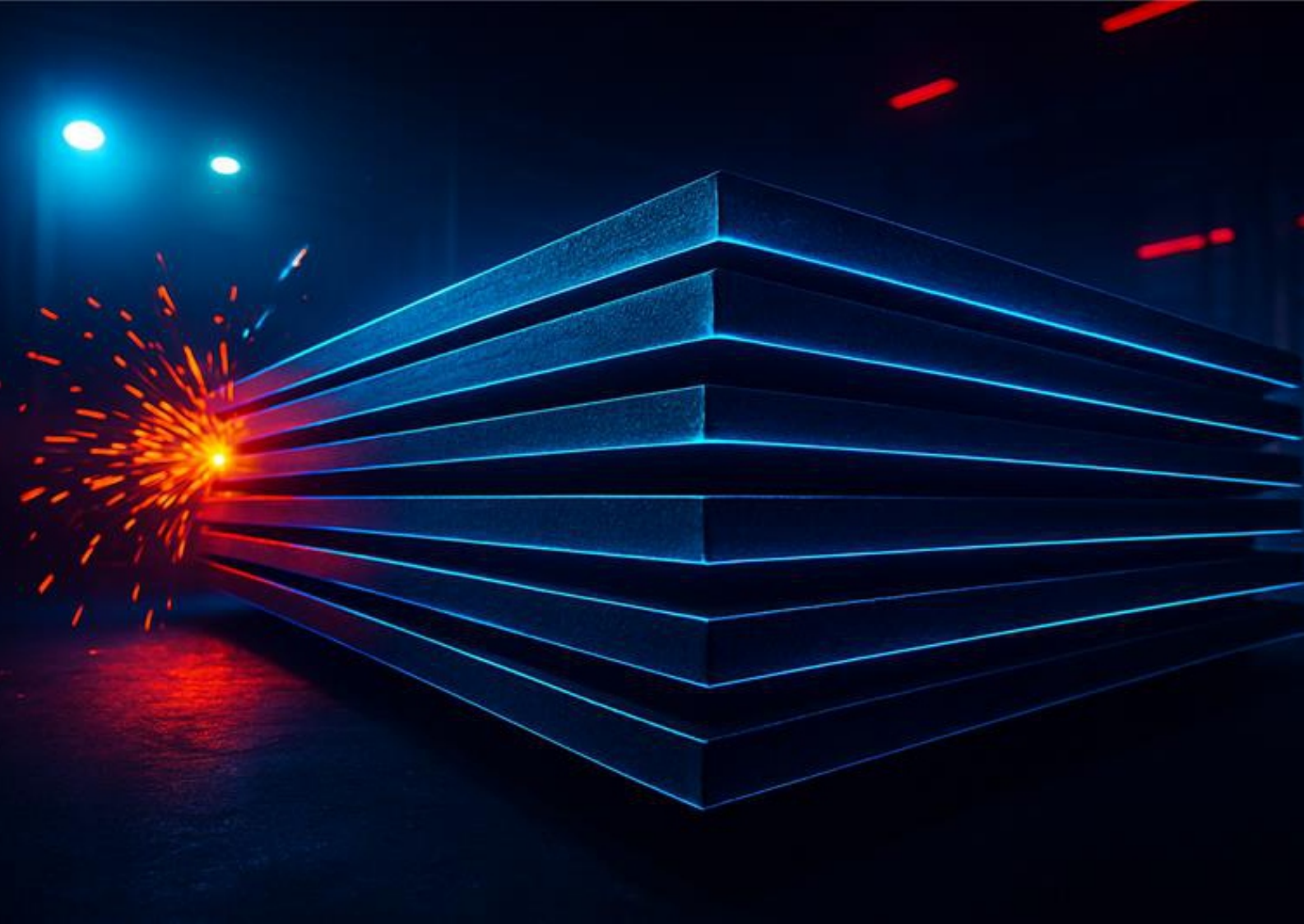
Chemistry: Complex Carbide (Cr, V, B, W)

Hardness: 60-64 HRC

Temp. Suitability: Up to 550°C

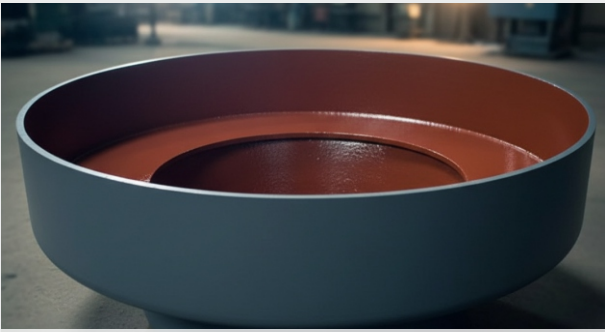
Wear Resistance: Severe Abrasion, Erosion & Moderate Impact at elevated temp.

Size Range: 6+4, 8+4, 10+6, 12+4
(with custom sizes available)



Cement

EnduraPlate 1060 and 2060 are meticulously designed to enhance the durability of equipment in the cement industry. From ducts, bends, and transition pieces to air separator vanes and louver blades, EnduraPlate 1060 serves a variety of applications. For VRM body liners and raw mill armor rings, EnduraPlate 2060 offers unmatched resistance to abrasive materials, ensuring longevity & optimal performance under pressure.



Mill Chute

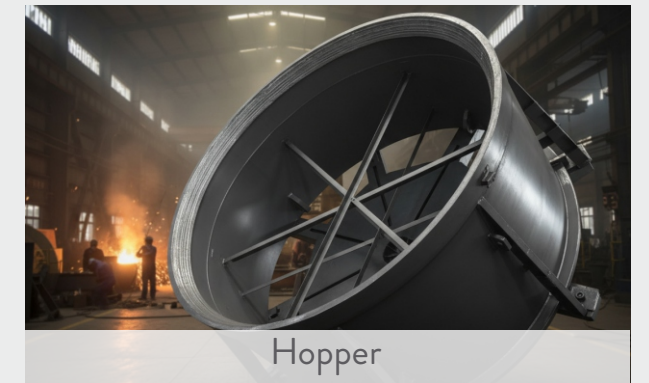


Separator Rotor

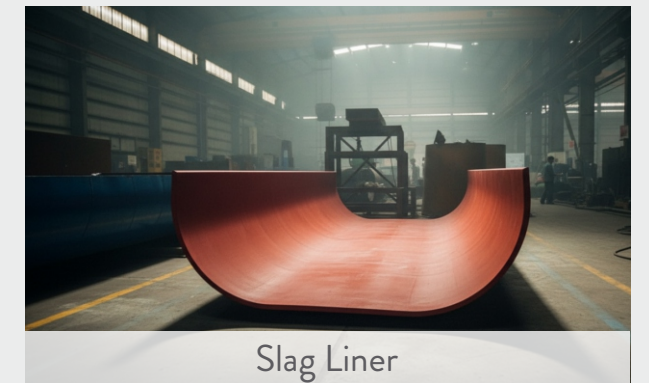


Steel

In the steel industry, efficiency and durability are paramount. EnduraPlate 1060 enhances equipment longevity by outfitting coal screw bottom liners, waste gas fan liners, and hopper and bunker liners. For feeder spouts and chute liners, the advanced properties of EnduraPlate 2060 come to the fore, delivering steadfast performance irrespective of rigorous operational demands.



Hopper



Slag Liner



Grit Cone



Separator

Thermal Power

The thermal power industry demands robust solutions for challenging environments. EnduraPlate 1060 excels in fabricating durable ID/FD fan blades, grit cones, and crusher liners, safeguarding against intense wear. For vibrating screens and slag runners, EnduraPlate 2060 provides exceptional defense against severe abrasion and erosion, maintaining efficiency in high-temperature settings.





Loader Bucket

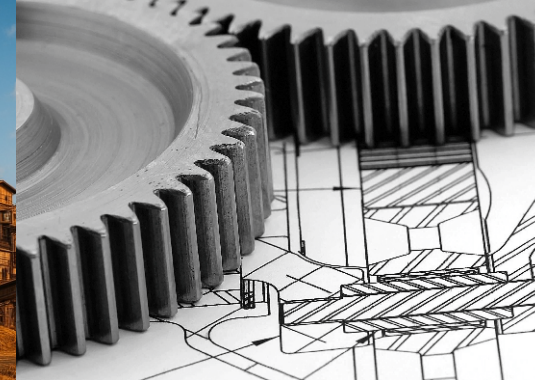


Separator Rotor

Mining

Mining operations present rigorous challenges that EnduraPlate is uniquely equipped to address. With EnduraPlate 1060, protect dozer body liners, chute liners, and screens.

Harness the ultimate durability of EnduraPlate 2060 in reclaimer & dragline bucket liners, shovel bucket liners, and vibrating troughs, providing unmatched resilience in some of the most demanding operational environments worldwide.



Industries Served!



CEMENT



STEEL



MINING



SUGAR



THERMAL POWER



ENGINEERING



MANUFACTURE



REPAIR



REFURBISHMENT



SERVICES

ADOR M&R

RECLAIM, DON'T REPLACE!

The world's mineral resources are finite, yet rapid industrialization is depleting them at an alarming pace. Reclaiming and recycling vital machinery components is no longer an option—it's a priority. Our company is committed to conserving mineral reserves while minimizing downtime through sustainable reclamation solutions.

Our Life-Enhancement Services facility in Nagpur is equipped to handle customer-specific and heavy-duty reclamation jobs. With state-of-the-art welding and metal spray processes, we repair, reclaim, and rebuild critical machinery parts for thermal power plants, cement, mining, steel, and other core industries.

Reclamation Services



For further inquiries or to discuss custom solutions tailored to your industry needs, please contact our team of experts. EnduraPlate is committed to delivering excellence and powering the future of durability.

Ador Welding Limited - M&R Div. (Erstwhile Ador Fontech Ltd.)

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