

DYHARD[®]

EVERY DAY, EVERYWHERE



Product Lines for Powder Coating Systems



alzchem
group



**FROM MATT
TO HIGH GLOSS.
YOU CHOOSE,
DYHARD® PERFORMS**

DYHARD®

DECORATIVE POWDER COATINGS

Curing agents for the production of environmentally friendly, high-performance Epoxy and Hybrid powder coatings. In addition to the extraordinary decorative performance, DYHARD® products give your coatings the desired heat- and scratch resistance for a long lifetime.

DYHARD® is the brand name for high-performance cure systems based on Dicyandiamide curing agents, Uron and Imidazole accelerators as well as master batches and latent liquid cure systems. DYHARD® products are applied in heat-cured epoxy adhesives, powder coatings and composites.

In the epoxy and polyester-epoxy-hybrid powder coating segments, DYHARD® products cover a wide curing temperature window, ranging from as low as 140°C up to $\geq 200^\circ\text{C}$, achieving high corrosion resistance with outstanding mechanical characteristics. Matt and high gloss curing agents for Epoxy and Hybrid powder coatings round off the product portfolio. For further information, please refer to our powder coating presentation which is available on request (dyhard.sales@alzchem.com).



**ENVIRONMENTAL
PROTECTION NEEDS
MAXIMUM
PERFORMANCE**

DYHARD®

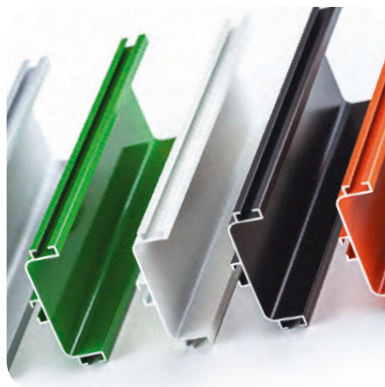
FUNCTIONAL POWDER COATINGS

Environmentally friendly, high-performance epoxy resin based powder coatings to prevent corrosion, erosion and wear of nearly every material in almost every environment. DYHARD® products provide extraordinary corrosion-, heat- and chemical resistance.



Your Benefits

- Global presence through international sales-network
- Consistent high product quality – Made in Germany
- Your partner for innovative products and tailor-made solutions
- Technical service with individual consulting/support
- Backward integration in NCN-chemistry production
- Reliability – our strength



TYPE OF POWDER COATING

PRODUCT Line	PRODUCTS	EPOXY			HYBRID	
		DECORATIVE		FUNCTIONAL	DECORATIVE	
		HIGH GLOSS	MATT GLOSS	PIPE / REBAR COATING	MATT GLOSS	LOW TEMPERATURE CURE
DYHARD® CU-Line	DYHARD® 100	✓	-	✓	-	-
	DYHARD® 100M	✓	-	✓	-	-
	DYHARD® 100S	✓	-	✓	-	-
	DYHARD® OTB	✓	-	-	-	-
	DYHARD® PIN	-	✓	-	✓	✓
	DYHARD® CAAB	-	✓	-	✓	-
DYHARD® CAT-Line Imidazoles	DYHARD® MI-C/ MI-FF	✓	-	✓	-	-
	DYHARD® PI/ PI-FF	✓	-	✓	-	-
	DYHARD® MIA5	✓	-	✓	-	-
DYHARD® CAT-Line Urons	DYHARD® UR500	✓	-	✓	-	-
	DYHARD® UR700	✓	-	✓	-	-
DYHARD® PM-Line	DYHARD® MCA30	✓	-	-	-	-
	DYHARD® MCA40	✓	-	-	-	-
	DYHARD® MCA45	✓	-	-	-	-

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