



ProFLAKE

*ProFLAKE*<sup>®</sup> Zn HYDRO PM 3090  
Aqueous Zinc Flakes for Sustainable  
Corrosion Protection

## ProFLAKE® Zn HYDRO PM 3090

### Aqueous Zinc Flakes for Sustainable Corrosion Protection

ProFLAKE® Zn HYDRO PM 3090 is a cutting-edge zinc flake pigment, stabilized for use in aqueous systems. Designed for general industrial corrosion protection, this innovative product is a 90% paste in methoxy propanol PM (10%), derived from ProFLAKE® Zn 3000.

ProFLAKE® Zn HYDRO PM 3090 can be recommended for all industrial corrosion protection segments, including ACE (Agricultural, Construction, and Earthmoving), pipes, tubes, and construction.

ProFLAKE® Zn HYDRO PM 3090 stands out as a unique product in the worldwide market. Currently, there is no other stabilized zinc pigment for water-based systems available. This product offers eight hours of gassing stability in tested varnishes, allowing for a full day's work schedule.

ProFLAKE® Zn HYDRO PM 3090 stands out as a unique product in the worldwide market. Currently, there is no other stabilized zinc pigment for water-based systems available. This product offers eight hours of gassing stability in tested varnishes, allowing for a full day's work schedule.

### Technical Information

ProFLAKE®	Article No.	Supply form	Screening < 45 µm	Average D50	D50 Range
Product					
ZN Hydro PM 3090	026196...	Paste	> 93 %	35 µm	32 – 38 µm

### Cross-cut test result

2 C water-borne epoxy system  
single layer application; 60 µm dry film thickness  
1500 hours salt spray test according to DIN EN ISO 9227 (NSS)



ECKART GmbH  
Guentersthal 4 · 91235 Hartenstein · Germany  
Tel +49 9152 77-0 · Fax +49 9152 77-7008  
info.eckart@altana.com · www.eckart.net

ECKART America Corporation  
830 East Erie Street · Painesville · Ohio · 44077, USA  
Tel +1440 954-7600 · Fax +1440 354-6224 · Toll-free: 800-556-1111  
info.eckart.america.oh@altana.com · www.eckart.net

ECKART Asia Ltd.  
Room 701-3 · 7th floor C C Wu Building · 302-308 Hennessy Road  
Wan Chai, Hong Kong  
Tel +852 3102 7200 · Fax +852 2882 5366  
info.eckart.asia@altana.com · www.eckart.net

1/February2025.0 FA  
028651XX0