

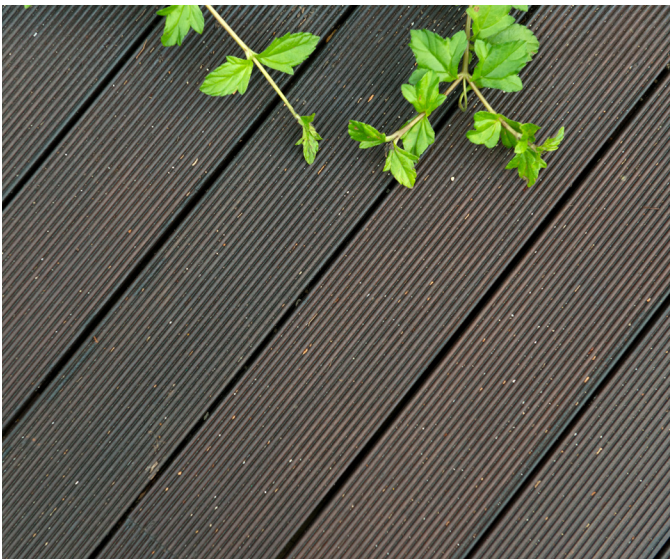
WOOD PLASTIC COMPOSITE (WPC) ADDITIVES

Unlock Superior Performance

Baerlocher offers a comprehensive range of processing aids and lubricants specifically designed for the Wood Plastic Composites (WPC) industry. With over 50 years of expertise in compaction, granulation, and innovative forming technology, Baerlocher is a global leader in plastic processing additives.

Advantages to Extrusion Profile

- Increased filler loading and better filler dispersion
- Reduced torque and head pressure
- Increased extruder output
- Reduced/eliminated melt fracture & edge tearing
- Lower scrap, regrind rate, & energy costs
- Reduced extrusion processing temperatures



Internal Lubrication

- Lowers melt viscosity
- Reduces torque & energy consumption
- Promotes wood fiber dispersion
- Aids in wetting of filler

Baerlocher's tailored solutions address the unique needs and challenges of your applications, taking into consideration specific resin, wood filler content, and performance requirements. Our complete lubricant additive blends ensure optimal processing and superior product quality.



Advantages to Extrusion Product

- Lower moisture absorption
- Improved mechanical properties
 - Higher modulus of rupture & elasticity
 - Better creep & impact resistance
 - Dimensional stability
- Improve aesthetic quality
 - More uniform color dispersion
 - Resistance to water extractable color degradation
- Improve resistance to decay due to moisture uptake cycle (freeze & thaw)

External Lubrication

- Promotes release from extruder barrel & die face
- Reduces friction, wear, & edge tear

**CHOOSE BAERLOCHER FOR UNMATCHED
EXPERTISE AND PERFORMANCE
IN WPC MANUFACTURING**

BAERLOCHER



WOOD PLASTIC COMPOSITE (WPC) ADDITIVES

Unlock Superior Performance

Additives play a crucial role in thermoplastic applications, enhancing processing efficiency, product longevity, and overall performance. Our multifunctional lubricants not only provide essential lubrication and mold release but also optimize the rheology of highly filled polymer melts during extrusion.

Our lubricants seamlessly blend the capabilities of both internal and external lubricants, effectively delivering exceptional results. Experience the difference with Baerlocher's advanced lubricant blends, designed to boost your production and processing capabilities and improve output quality.

Baerlocher Lubricant Product Range for Wood Plastic Composites

• Specialty Lubricants

- Baerolub series of proprietary lubricant one pack systems for polyolefins

• Basic Lubricants

- Metal stearates (calcium & zinc)
- Ethylene bisstearamide & other amide waxes
- Ester-based lubricants
- Polymer waxes

PRODUCTS (Compatible with PE & PP)	COUPLED	UNCOUPLED
Baerolub W 94112 TX		✓
Baerolub W 90721 SP		✓
Baerolub W 93125 TX or SP		✓
Baerolub W 98690 TX		✓
Baerolub W 29010 TX	✓	✓

Baerlocher USA LLC
5890 Highland Ridge Drive
Cincinnati, Ohio 45232

uscustomerservice@baerlocher.com
Phone: +1-513-482-6300
www.baerlocherusa.com

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