Eco Shield by HUCK

The Future-Proof Choice for Playgrounds

Eco Shield by HUCK offers up to 10 times higher corrosion protection than conventional hot-dip galvanized steel thanks to its unique zinc-aluminum-magnesium alloy (93.5% Zn, 3.5% Al, 3% Mg).

Especially near the ground or in contact with moist soil – where traditional galvanization often fails – Eco Shield by HUCK reliably prevents rust.

PARTICULARLY SUITABLE FOR:

- Playground posts with ground contact
- Climbing frames, rope play equipment, and swing structures
- Humid environments / areas near irrigation systems
- Playgrounds near the sea (exposure to salty air)

TECHNOLOGICAL ADVANTAGES

- Thinner coating possible while providing better protection
- Excellent adhesion for powder coatings or paints
- Lower zinc consumption = more sustainable and resource-efficient

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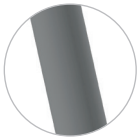
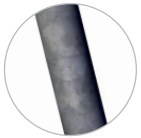
ECO SHIELD BY HUCK – COATING	HOT-DIP GALVANIZED (HDG)
CORROSION RESISTANCE UP TO 10× BETTER Tested in salt spray and soil, suitable for C5-I & CX	**CORROSION RESISTANCE LOWER** In humid and salty environments
SELF-HEALING AT CUT EDGES Thanks to protective magnesium layer	**NO SELF-HEALING** Edges rust more quickly
SOIL CONTACT PROTECTION Excellent, even with partial embedding or splash water exposure	**SOIL CONTACT PROTECTION** Critical – often a weak point
ENVIRONMENTAL COMPATIBILITY Less metal abrasion, no chromating necessary	**ENVIRONMENTAL COMPATIBILITY** Sometimes coated with critical additives
DURABILITY Lifespan up to 25 years, even in aggressive environments	**DURABILITY** Significantly shorter under similar conditions
MAINTENANCE EFFORT Minimized due to permanent protective layer	**MAINTENANCE EFFORT** Higher inspection and repair needs



By choosing Eco Shield by HUCK posts, you invest in maximum safety, lower follow-up costs, and sustainable quality – ideal for playgrounds with high demands for durability and environmental friendliness.



Hot-Dip Galvanized (HDG)