

TEKNODUR COMBI 3430

DIRECT-TO-METAL HIGH SOLIDS POLYURETHANE

A HIGH SOLIDS PAINT WITH EXCELLENT MECHANICAL AND WEATHER RESISTANCE

TEKNODUR COMBI 3430 is a two-component anticorrosive pigmented polyurethane paint with low solvent content for steel, zinc and aluminum surfaces. The painted surface resists exposure to a harsh mechanical abrasion and high UV radiation.

TEKNODUR COMBI 3430 is an excellent choice for machines and equipment operated in i.e. agriculture, forestry and steel construction.

VARIETY OF GLOSS LEVELS

Thanks to its excellent finishing appearance and wide variety of gloss levels TEKNODUR COMBI 3430 ensures the ideal outcome even for the most individual customer needs.

GIVE US A CALL

A call to Teknos is a quick and easy way to get sound advice if you are considering using TEKNODUR COMBI 3430 or any other Teknos surface coating product.

Our technical support organisation is always ready to support you in designing your optimum coating solution and application system.



The product is used as a one layer paint. It can be used as a top coat in Polyurethane Coating Systems.

Product can be used also on many well attached old paint surfaces.



*We are on our mission to **make the world last longer** by providing smart, technically advanced paint and coating solutions to protect and prolong - always working in close cooperation with our customers.*

 **TEKNOS**



FEATURES	BENEFITS
Direct-to-metal (DTM)	Fast production lead-time
High solids content	Decreased VOC emissions
Excellent UV and gloss resistance	High quality and durability
Highly resistant to mechanical abrasion	Long-lasting protection
Process-tolerant paint	Ease of application

TEKNODUR COMBI 3430 – TEST RESULTS

TEST TYPE	REFERENCE	DFT (µm)	RESULTS
Pull-off adhesion	ISO 4624	100	Typical value over 10 MPa and even up to 20 MPa over Sa 2½ blasted steel
Salt spray	ISO 9227	80-120	No film defects after 240 hours (C3/M according to ISO 12944-6)
Condensation	ISO 6270	80-120	No film defects after 120 hours exposure (C3/M according to ISO 12944-6)
Gloss retention	ISO 11507	100	Typically 90% gloss retention after 1 000 hrs QUVA exposure
Mechanical abrasion	Taber test	100	Typical value 55 mg weight loss per 1 000 cycles using CS17 wheels and a 1 kg loading

REFERENCES



AS FORS MW

Manufactures FARMA lumber trailers and BIGAB hook lift systems. All products must maintain their appearance while being able to withstand harsh weather conditions. Furthermore, they have to feature extreme mechanical durability. Fors MW is able to meet the strict quality requirements by using TEKNODUR COMBI 3430.



VÄDERSTAD

Agriculture machinery manufacturer that relies on TEKNODUR COMBI 3430 thanks to its high resistance to mechanical abrasion and chemical fertilizers. This contributes to longer product life cycle and proves the company promise of high quality.



SANDVIK MINING AND CONSTRUCTION

offers the world's widest range of equipment for rock drilling, rock excavation, processing, demolition and bulk-materials handling. Their quality expectations for paints are extremely high, both when it comes to the ability to withstand dents and assembly. TEKNODUR COMBI 3430 is a versatile product that ensures uniform finish in all production processes all over the world.