

Sipiol® WP 8556 Primer

Technical Data Sheet

Sipiol® WP 8556 primer is an aqueous, heat-activated primer designed for use under anti-friction coatings to improve adhesion to extruded and cured EPDM profiles. It is composed of polymers in an aqueous dispersion.

Primer is compatible with coatings based on acrylics and polyurethanes, such as Sipiol and Autoseal® anti-friction coatings.

Features and Benefits:

Versatile – can be used as a primer for anti-friction coatings; can be used as a primer on TPE, SEBS, NR, HNBR and EPDMs for flocked products and hot melt adhesives.

Easy to Apply – supplied ready for use; applies easily by spray methods.

Environmentally Recommended – provides low VOC for reduced emissions, allowing for safer work environment.

Low Temperature Cure – cures at a lower processing temperature.

Contains UV Tracer – fluoresces when exposed to UV light source, allowing for better process control.

Application:

Surface Preparation – Thoroughly clean surfaces prior to primer application. Remove all dirt, oil, and grease.

Mixing – No mixing is required before or during use. If dilution is needed, use deionized or distilled water as diluent.

Applying – Apply primer by spray methods. Optimum dry film thickness of Sipiol WP 8556 primer will vary depending on the substrate, and should be determined empirically.

For extruded profiles, apply primer to substrate during in-line application after extrusion.

Drying/Curing – Allow applied primer to dry for 10-15 minutes at ambient temperature and humidity. Drying times can be reduced by drying at elevated temperatures (15 seconds at 100°C [212°F]).

Bonding occurs during vulcanization process of the rubber or curing process of the coating under process temperature of minimum 90°C (194°F) or higher.

Shelf Life/Storage:

Shelf life is one year from date of manufacture when stored properly by the recipient between 5°C and 30°C (41°F and 86°F) in original, unopened container. Temperature control measures are not required during transportation if freezing of the product is prevented. Keep container tightly sealed when not in use to prevent skinning.

Typical Properties*	
Appearance	Opaque Yellow Liquid
Density g/cm ³ (lb/gal)	0.95 - 1.05 (7.9 - 8.8)
Solids Content by Weight, % 2.5 gram dried 30 minutes @ 130°C (266°F)	7 - 10

*Data is typical and not to be used for specification purposes.

Cautionary Information:

Before using this or any Parker Lord product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this document represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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