

Technical Data Sheet

WESSCO® 3761 UV Coating High Gloss

UV non-food high-gloss coating for finishing printed products. Suitable for flexo unit.

ACTEGA Schmid Rhyner AG
 Soodring 29, 8134 Adliswil, CH
 +41 44 712 64 00
 info.ACTEGA.SchmidRhyner@altana.com
 www.actega.com

Product Description

UV curing under atmospheric conditions.
 Not suitable for packaging for food and other sensitive contents. This also applies to secondary food packaging where there is no barrier to prevent migration of substances into the contents.

General Information	
Product Type	Coatings
Product Technology	UV curing
Field Of Application	Labels, Pressure Sensitive Labels
Properties	In combination with photopolymer plates, the varnish can be used as a spot varnish with an excellent edge definition.

Application Method

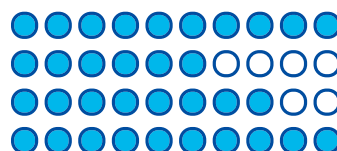
- Flexo unit
- Stir well before use! Mechanical stirring is recommended.
- The property profile of the coating film is given in case of a complete curing. The curing depends on the efficiency of lamps, life of UV lamps, machinery speed, general conditions of the UV unit (reflectors, etc.), temperature and the distance from the UV unit to the substrate. We recommend to clean regularly the reflectors and - if necessary - to change the lamps in case of a drop in lamp efficiency.
- A strong absorption on absorbent surfaces can cause an insufficient curing of the UV varnish, sensory problems, mechanical influence as well as rub resistance problems and poor slip properties.
- The printing inks should be suitable for coating. The resistance against alkali, alcohol and solvents should be given in accordance to DIN ISO 2836, former DIN 16524, to exclude any colour change.
- The total structure of substrate/printing ink/varnish must be cured/dried sufficiently before processing and should be checked during the process.
- The increase of the slip angle can't be excluded in case of temperature and humidity. Storage tests are necessary.

Substrate Recommendation

- Coated Paper

Properties

Gloss
 Flexibility
 Slip Surface Smoothness
 Reactivity



Technical Data Sheet

WESSCO® 3761 UV Coating High Gloss

UV non-food high-gloss coating for finishing printed products. Suitable for flexo unit.

ACTEGA Schmid Rhyner AG

Soodring 29, 8134 Adliswil, CH

+41 44 712 64 00

info.ACTEGA.SchmidRhyner@altana.com

www.actega.com

Product Characteristics			
Viscosity	• ~60 s + / - 5s (23°C, DIN 4 mm cup)		
Hot Foil Stamping	<input type="checkbox"/>	Glueability	<input type="checkbox"/>
Anti Penetration	<input type="checkbox"/>		

Storage Instructions

- Storage at temperatur between 5°C and 35°C
- Storage in closed original containers
- Protect from frost, heat and sun exposure
- Shelf-life 12 months

Cleaning Instructions

- Please clean machine and tools immediately with alcohol. Dried film clean up with TERRAGLOSS CLEAN Cleaning Agent G 13/160.
- Tubes should be free of water, varnish and cleaning agent, otherwise the UV varnish can thicken.
- Ethanol
- Ethyl acetate

Regulatory Compliance

- Disclaimer: For regulatory compliances please reach out to your responsible ACTEGA contact person.
- P: +41 (0) 44 712 64 00;

Disclaimer

The characteristics contained herein constitute binding product specifications which we warrant provided the conditions and testing methods mentioned therein are used. Any other subjective or objective requirements concerning the products are excluded. Any information herein about suitability, use or application of the products is non-binding and does not constitute a commitment regarding the products' properties, use or application. We recommend that you test our products in preliminary trials to determine their suitability for your intended purpose prior to use. No warranties of merchantability or fitness for a particular purpose are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties.