



# CERTIFICATE ZERTIFIKAT

## CERTIFICATE OF WARRANTY

(Product Performance Warranty)

for

**ASAS Alüminyum A.S. in South America**

**RENOLIT EXOFOL PX SOLID  
RENOLIT EXOFOL PX PRINTED**

**RENOLIT SE** warrants that the above mentioned films for the lamination of substrates for interior and exterior use in vertical assembly of components are manufactured according to the requirements of worldwide leading and accepted standard RAL-GZ 716 (plastic window profiles, quality assurance, RAL-GZ 716), in the edition of May 2013. This includes all the important specified processing properties, for example:

Colour fastness and the absence of stains, blisters, streaks, cracks as well as peeling. No delamination or other substantial degradation of the visual appearance, caused by exposure to natural sunlight.

Chemical resistance to all organic solvent free and non abrasive normal household cleansing agents e.g. water, aliphatic benzene and light alcoholic-water-solutions.

Excellent mechanical properties (abrasion resistance, scratch resistance)

Colour fastness will be assessed according to EN 513 - method 1. The requirements of RAL-GZ 716 are fulfilled if the colour change shows a level  $\leq 3$  on the greyscale (ISO 105 -A02) after 20 GJ / m<sup>2</sup> of radiant energy (EN 513, process 1). This value represents up to 5 years of service. During this period the discolouration will be maximal greyscale 2 \*.

\*This value can be warranted as long as the film is processed according to the requirements of the RAL-GZ 716 at our customer. The recipient of this document shall neither forward nor publish the content or parts of it to third parties without prior written consent of **RENOLIT**. This document shall not be construed as a contract for the benefit of a third party.

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Rely on it.