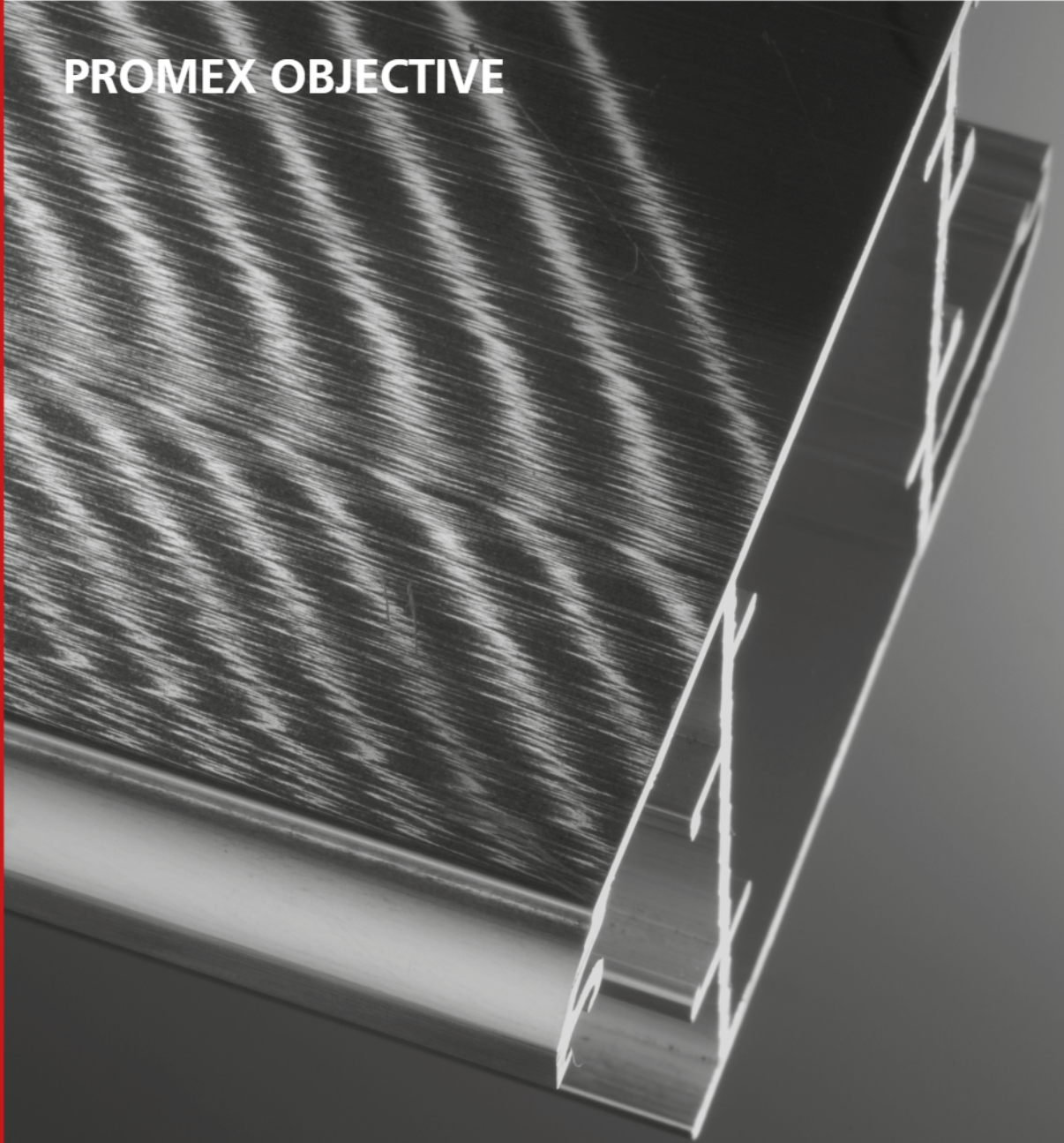


## PROMEX OBJECTIVE



The objective web collapsing measurement  
for more transparency in the extrusion  
of aluminium profiles

# Optical measurement technology for transparent quality requirements.



## In the lead through precision

From a certain size on, evenly shaped visible surfaces of aluminium profiles need stabilizing webs. This is why web collapsing occurs during the production process.

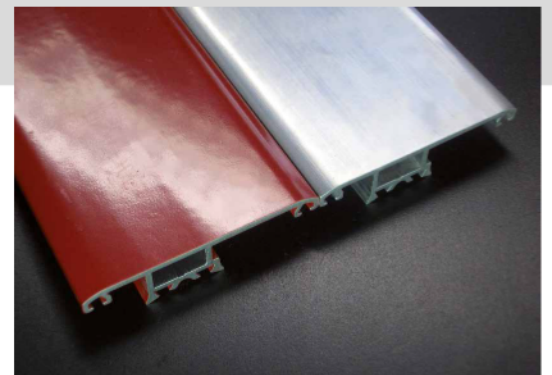
Due to the fact that aluminium profiles normally have a matt surface, this distortion is hardly obvious. In addition, reflecting contours show different degrees of distortion depending on light angles. Evaluation is therefore always subjective which certainly leads to different results.

However, web collapsing is a common phenomenon with visible surfaces. Only when the finish has been applied – e.g. gloss varnish – web collapsing will become evident to the eye. But at this point it will be too late to sort out any profiles of inferior quality and

the cost for the finish has already occurred. Here, PROMEX OBJECTIVE provides safety during quality control.

## Objective classification in several steps

PROMEX OBJECTIVE records web collapsing of profiles directly in production, evaluates objectively any distortion and supplies a classification based on a multiple-level scale. Thereby, clearly defined quality steps are available which classify web collapsing in an objective way.



### You and your customers benefit from:

- a safe and objective classification of the extruded profile
- a higher objectiveness in the communication between supplier and customer
- no return costs due to defective consignments
- finish only for 100 % quality profiles
- satisfied customers who receive the quality they were promised

### Easy handling

For measurement put the test piece with the surface that has to be classified onto the measuring sensor system.

### Precise record of measured values and continual data logging

PROMEX OBJECTIVE can be used as an independent terminal. It is recommended to combine it with a PROMEX EXPERT system in one housing. Both systems work with the same software PROMEX CONTROL and are fully compatible. This way, classification results can be integrated directly into the existing measuring protocol – in addition to the dimensions. The combination of both products in one housing provides complete evidence in one protocol on all product characteristics relevant to the customer.

Model	Working range
PROMEX OBJECTIVE T100	For flat profiles up to 100 mm in width (up to 200 mm when rotated manually)
PROMEX OBJECTIVE T200	For flat profiles up to 200 mm in width (up to 400 mm when rotated manually)
PROMEX OBJECTIVE T100 L	For flat profiles Working range is identical to Objective T100  Can also be used for L-shaped profiles up to 100 mm in width with 5 mm indentation at angle
PROMEX OBJECTIVE T200 L PROMEX OBJECTIVE T200 L LAB	For flat profiles Working range is identical to Objective T200  Can also be used for L-shaped profiles up to 200 mm in width with 5 mm indentation at angle

1 – 2 seconds measuring time + handling time

### QUESTIONS?

Would you like to see PROMEX OBJECTIVE in use in the field? Do you want to know more about the complete PROMEX product line? Any further questions?

Please contact us. We are looking forward to being of assistance.



## Intelligent eye with objectivity

### Precision that gets right to the heart of the matter

Envisaging the future means to have in the focus today what you will need tomorrow. Quality assurance during production requires a reliable measurement technology which works precisely and exactly in time. This is the only way to detect web collapsing of aluminum profiles quickly and to initiate corrective actions even before defective goods are being shipped to the customer.

### Process safety that pays off

Optimal solutions engage with each other. Only if this holds true can we speak of system solutions. In terms of ASCONA this means that hardware and software complement each other perfectly. ASCONA stands for practical system solutions with the objective to ensure optimal quality assurance during the production by using smart measurement systems. This provides you with absolute process reliability in your aluminum profile extrusion due to early and complete fault detection. Hence you benefit from a positive product image thanks to perfect end products.

### Outstanding amortization times thanks to high productivity

Many customers tell us again and again that they achieve amortization times of less than one year for their PROMEX OBJECTIVE systems caused by a significant increase in productivity of their extrusion plants. Thus customers in more than 40 countries trust in PROMEX quality products from ASCONA - 100% „Made in Germany“.

### Quality is measurable and pays off.

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