



## Technical properties

Chemical basis	MS Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.F.)	ca. 10 min
Curing speed* (23 °C/50 % RH)	2 - 3 mm/24 h
Hardness**	60 Shore A
Density**	1,53 g/ml
Max. allowed distortion (ISO 11600)	± 25 %
Tensile strength (ISO 37)**	2,20 N/mm <sup>2</sup>
Shear strength (GLUETEC AA-029)	ca. 1,75 N/mm <sup>2</sup>
Elasticity modulus 100% (ISO 37)**	0,75 N/mm <sup>2</sup>
Elongation at break (ASTM D638 / DIN ISO 6892)**	500 %
Temperature resistance**	-40 °C to +100 °C
Application temperature	+5 °C to +40 °C

\* These values may vary depending on environmental factors such as temperature, humidity or type of substrate.

\*\* The data refer to the fully cured product.

## Product description

ICCONS® ALLROUNDER® - Quick n Easy is a universal adhesive and sealant based on an MS polymer.

Part No.			
ARQEW200	ICCONS® ALLROUNDER® - Quick n Easy White 200ml MS Polymer Sealant	1	6
ARQEG200	ICCONS® ALLROUNDER® - Quick n Easy Grey 200ml MS Polymer Sealant	1	6

## Properties and benefits

- Very good adhesion to most surfaces, even before curing
- Very good mechanical properties
- High elasticity - movement absorption of up to 25 %
- Non-staining with water repellent effect
- Very low emissions
- High weather and UV resistance
- Can be sanded and rubbed over after complete curing
- Good absorption of mechanical and acoustic vibrations and oscillations
- Free from isocyanates and silicones

## Application examples

- Adhesive applications in industry and trade
- Can be used indoors and outdoors
- Sealing of stitchings, joints and cracks
- Bonding of boards, profiles, sheet metal and much more
- Bonding in metal processing and electrical engineering
- Elastic bonding in car bodies, caravans and containers
- Quick sealing directly before painting

## Packaging

Colour: Available in White or Grey

Packaging: 200 ml Automatic-Cartridge

## Shelf life

24 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C. The storage temperature must not fall below +2°C.

NOTE: The instructions in this documentation are based on our tests and experience and have been prepared to the best of our knowledge and conscience. Due to the variety of different materials and substrates and the many different possible applications beyond our control, we assume no responsibility for the results achieved. Since the construction and nature of the substrate and the processing conditions are beyond our control, we do not accept any liability for this publication. In any case, it is recommended to carry out appropriate tests before use.



## Chemical resistance

High resistance to water, aliphatic solvents, mineral oils, greases, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

## Substrates and material compatibility

ICCONS® ALLROUNDER® - Quick n Easy is suitable for use on all common building substrates, as well as on PVC, plastic, treated wood, glass, ceramics and much more.

Before application, the substrate should be checked for load-bearing capacity and should be clean, dry and free of dust and grease. Porous surfaces should be primed with a primer.

Non-porous surfaces should be pre-treated with an activator or cleaner if necessary. Adhesive surfaces should be degreased before application.

The following table of the application overview gives an orientation.

Overview applications			
Material		Pre-treatment <small>Basically, cleaning the materials with plastic or metal cleaner is sufficient and pre-treatment is not necessary, it is only based on a recommendation and serves to improve and ensure process reliability.</small>	ICCONS® ALLROUNDER® - Quick n Easy  Suitability
Metals	Aluminium	Adhesive Cleaner Universal	✓ ✓
	Copper	Adhesive Cleaner Universal	✓
	Brass	Adhesive Cleaner Universal	✓
	Stainless steel	Adhesive Cleaner Universal	✓ ✓
	Cast iron steel	Adhesive Cleaner Universal	✓ ✓
	Hot-dip galvanised parts	Adhesive Cleaner Universal	✓ ✓
	Galvanised parts	Adhesive Cleaner Universal	✓ ✓
Plastics	ABS	Plastic and varnish primer	✓ ✓
	Polyethylene (PE)	Corona / Plasma	✓
	PMMA (acrylic)	Plastic and varnish primer	✓ ✓
	Polyamides (PA 6, PAA 6.6, Nylon*)	Plastic and varnish primer	✓ ✓
	Polycarbonates (PC)	Plastic and varnish primer	✓ ✓
	Other polyesters (PBT, PET)	Plastic and varnish primer	✓
	Polystyrene (PS)	Plastic and varnish primer	✓ ✓
	Polysulphones (PSU)	Plastic and varnish primer	✓
	Polypropylene (PP)	Primer for PP	✓ ✓
	PVC	Plastic and varnish primer	✓ ✓
Varnishes	Water-based coatings*	Plastic and varnish primer	✓ ✓
	Powder coating systems*		✓ ✓
	Synthetic resin coatings*		✓ ✓
✓ ✓ = Well Suitable    ✓ = Suitable    -- = Not Suitable * Due to the large number of paint systems on the market, in-house tests are necessary to determine the lowest possible pre-treatment. ** Due to the large number of gelcoats available on the market, in-house tests are necessary to determine the lowest possible pre-treatment.			

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## Overview applications Continued....

Material		Pre-treatment <small>Basically, cleaning the materials with plastic or metal cleaner is sufficient and pre-treatment is not necessary, it is only based on a recommendation and serves to improve and ensure process reliability.</small>	ICCONS® ALLROUNDER® - Quick n Easy  Suitability
Composites	Celluloses (CAB, CAP)	Plastic and varnish primer	✓ ✓
	Carbon (CFK)	Plastic and varnish primer	✓ ✓
	Gelcoat**		✓ ✓
	Fibreglass (GFK)	Plastic and varnish primer	✓ ✓
	Polyester resin (UP)	Plastic and varnish primer	✓ ✓
	Polyurethane (PU)	Plastic and varnish primer	✓ ✓
	PTFE (Teflon*)		--
	Epoxy	Plastic and varnish primer	✓
	Silicones		--
Wood	Wood (hard and soft)	Dedusting	✓ ✓
	Wood materials	Dedusting	✓ ✓
	Plywood	Dedusting	✓ ✓
Other	Glass	Plastic and varnish primer	✓ ✓
	Ceramics	Adhesive cleaner Universal	✓ ✓
	Concrete	Plastic and varnish primer	✓ ✓
	Bricks	Plastic and varnish primer	✓ ✓

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### Joint dimensions

Width for bonding:        2 - 10 mm  
 Width for joints:         5 - 30 mm  
 Min. depth for joints:    5 mm

Recommendation for sealings: Joint width = 2 x joint depth

### Handling

Dosage of the flow rate by turning the head part.  
 Cleaning processes must be carried out before the material is cured.  
 Smoothing of the ICCONS® ALLROUNDER® - Quick n Easy is possible before skin formation.  
 In case of bonding, a fixative should be used until the material has hardened.

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## Safety instructions

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Follow the usual regulations for industrial hygiene. Further information can be found on the packaging and in the safety data sheet.

Do not use and store product near heat sources. Keep the product out of the reach of children.

Contact of uncured material with water should be avoided as highly flammable/hazardous methanol is produced as a result.

Contaminated material should not be released into the environment.

ICCONS® ALLROUNDER® - Quick n Easy may be disposed of in household waste in normal quantities. Anything in excess of this must be taken separately to a specialist disposal company (mobile hazardous waste collection point, materials yard with hazardous waste collection point, etc.).

## Remarks

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ICCONS® ALLROUNDER® - Quick n Easy can be over painted with water-based paints. However, due to the large number of available paints and varnishes, it is strongly recommended to carry out a compatibility test before application.

ICCONS® ALLROUNDER® - Quick n Easy can be applied on a variety of substrates. Since certain substrates such as plastics, polycarbonate, etc. may vary depending on the manufacturer, it is recommended to carry out a compatibility test beforehand.

During application, make sure that the ICCONS® ALLROUNDER® - Quick n Easy only reaches the desired application areas.

Before grouting, tape the areas all around.

## NOTE

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The information in this technical data sheet is based on tests, monitoring and experience. They are of a general nature and do not establish any liability. It is up to the user to determine with their own tests whether the agent is suitable for the intended application.