

# TDS | 2037.1

## ALLROUNDER SEALANT & ADHESIVE





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ICCONS® ALLROUNDER® is an ultimate single component, STPE polymer adhesive sealant. Suitable for both interior & exterior bonding, sealing & caulking applications, ALLROUNDER® remains flexible, mildew resistant, UV resistant, & solvent free. ALLROUNDER® has an excellent adhesion on almost all substrates.



### FEATURES

- ✓ Hybrid Polymer Technology
- ✓ Excellent Adhesion
- ✓ Weather & UV Resistant
- ✓ Crystal Clear & Invisible Bond<sup>CC</sup>
- ✓ High Tack/Initial Bond <sup>\*White/Grey</sup>

### TYPICAL APPLICATIONS

- Interior & exterior bonding
- Interior & exterior sealing
- Transparent bonding & sealing application

### SUBSTRATE

Suitable for most building substrates:

- Glass
- Galvanised iron & steel
- Glazed & ceramic tiles
- Sheet metal
- Aluminium
- Most plastics
- Timber

### ADVANTAGES

- Waterproof
- Damp Surfaces
- Cures Under water
- Resistant to mould
- UV-resistant
- Neutral curing
- Low odour
- Permanently elastic
- Excellent adhesion
- Non-slumping
- Paintable

### PRODUCT CHARACTERISTICS

<b>COLOUR</b>	Crystal Clear, White and Grey
<b>APPEARANCE</b>	Fine, uniform paste
<b>CURING METHOD</b>	Neutral cure
<b>SERVICE TEMPERATURE</b>	-30°C to +200°C
<b>PRODUCT CODE</b>	Crystal Clear: FSA-ARCCU300 White: FSA-ARWU300 Grey: FSA-ARGU300
<b>CARTRIDGE SIZE</b>	300mL

Part No.	Description	Colour	Qty.	Qty.
FSA-ARCCU300	300ml ALLROUNDER Sealant & Adhesive	Crystal Clear	12	1536
FSA-ARWU300*	300ml ALLROUNDER Sealant & Adhesive	White	12	1536
FSA-ARGU300	300ml ALLROUNDER Sealant & Adhesive	Grey	12	1536

\*Available on request



## TYPICAL PROPERTIES

ITEMS	C*a/T*b/S*c/O*d	UNIT	REQUIREMENT
Appearance		/	Fine, uniform paste
Curing Depth	24h///	mm	≥2.5
	7d///	mm	≥7.0
Hardness, Shore A	7d///	/	50~65
Shear Strength	7d///Carbon Steel/	MPa	≤1.2
Tensile Strength	7d///	MPa	≥1.2
Elongation at break	7d///	%	≥250
Density		g/cm <sup>3</sup>	1.64±0.10
Tack free	///PE film	min	≤30
Sagging		mm	≤1
Initial Tack		g/cm <sup>3</sup>	30~45

### NOTES:

\*a: Conditioning, specimen is conditioned under (23±2)°C, (50±5)% relative humidity if not specified;

\*b: Testing Condition, specimen is tested at (23±2)°C, (50±5)% relative humidity if not specified;

\*c: Substrate

\*d: Others need to be specified.

## DIRECTIONS FOR USE

### APPLICATION TEMPERATURE: +5°C to +45°C

Use only in well-ventilated areas. May cause an allergic skin reaction.

1. Prepare the surface by ensuring it is clean, dry, & free from dust or contaminants.
2. Cut the nozzle at a 45° angle & insert the cartridge into a caulking gun.
3. Hold the gun at a 45° angle & apply an even bead of sealant.
4. Tool & smooth the sealant before it begins to skin.

Note: Skin formation occurs within 5-10 minutes. Full cure of 6mm depth is reached in approximately 7 days. Uncured product may be cleaned using a suitable Isopropyl solvent.

## RESTRICTIONS FOR USE

- Do not apply to substrates with surface temperatures above +50°C or when ambient temperatures are below 5°C.
- Do not apply to surfaces that come into direct contact with food.
- Do not use for structural glazing applications.
- Not recommended for applications involving continuous water immersion.

## SAFETY DIRECTIONS

Keep out of reach of children. Before operation, please carefully read the specifications of products and material, and instructions on the package of container. For more information about safety, please refer to the SDS.

## SHELF LIFE

12 months when stored in original, unopened packaging. Keep out of direct sunlight & store in cool, well-ventilated environment between +5°C to +25°C.

### DISCLAIMER

The details provided in this Technical Data Sheet (TDS) are based on ICCONS' knowledge at the time of publication. No warranty is given regarding specific product characteristics, and this document shall not be interpreted as forming a legally enforceable contract. It is supplied for guidance only concerning product selection, safe handling, application, storage, transportation, and disposal.

