



## TOA SMART TAPSEAL

A self-adhesive butyl rubber sealing tape with a strengthened aluminum backing

### DESCRIPTION

**TOA SMART TAPSEAL** is a rubberized butyl-based multi-purpose adhesive tape, covered by aluminum film on the surface. TOA SMART TAPSEAL provides excellent UV and heat resistance. Good adhesion on all metal surfaces, glass, concrete, ceramic tiles, wood, as well as on painted surfaces.

### ADVANTAGES

**TOA SMART TAPSEAL** is used to prevent and repair water leak such as: roofs, building cracks, gutters, PVC water pipe.

### FEATURES AND BENEFITS

- High self-adhesive ability and easy to apply.
- Ability to prevent and fix leakage problems.
- Excellent adhesion to a wide range of materials and painted surfaces.
- High strength, UV resistance, high resistance to hot and cold temperatures.
- Does not contain bitumen, does not shift over time.
- Non-staining, and environmentally friendly.
- Paintable topcoat on aluminum foil surface with proper primer.

### SPECIFICATIONS

| Physical properties (with aluminum) | Method                 | Result |
|-------------------------------------|------------------------|--------|
| Thickness, mm                       | N/A                    | 1.0    |
| Tensile strength, N/10 mm           | ASTM D1000-10          | 50.0   |
| Elongation, %                       | ASTM D1000-10          | 20.0   |
| <b>Adhesion strength, N/10 mm</b>   |                        |        |
| +Metal                              | ASTM D3330-04 Method A | 20.0   |
| +Galvanized steel                   | ASTM D3330-04 Method A | 30.0   |
| +Fiber cement board                 | ASTM D3330-04 Method A | 25.0   |

### APPLICATION GUIDELINE

- Surface preparation:** The substrate must be dry, clean of dirt, oil, grease. Remove layers of mortar with poor adhesion and others contamination.  
For metal, plastic substrate, etc. must be cleaned with solvents.
- Application method:** Cut the tape to the required length, remove the protective film and apply it on substrate required.  
Use the roller with the suitable force to make the tape adhere to the material.  
All joints between sheets of masking tape must be overlapped by at least 50 mm and heating this area to improve adhesion.

# Technical data sheet

## STORAGE AND HANDLING

- **Storage conditions:** The product must be stored in accordance with national laws on chemical safety.  
Storage in dry place, cool, well ventilated, temperature at 10 – 30°C.  
Protect from direct sunlight.
- **Expiry date:** 24 months from date of manufacture.
- **Packing**

| Width  | Length | Unit | Packing        |
|--------|--------|------|----------------|
| 100 mm | 3 m    | Roll | 12 roll/carton |
| 200 mm | 3 m    | Roll | 8 roll/carton  |
| 300 mm | 3 m    | Roll | 4 roll/carton  |

Store carefully under standard storage conditions after use.

Apply over a temperature range of 5°C to 35°C and relative humidity below 75%.  
The surface temperature should be 3°C above the air dew point.

## HEALTH AND SAFETY

Please read and understand the precautions before use.

Keep away from heat sources, sparks, open flames, hot surfaces. Do not smoke when working.

Should not be released into the environment. Dispose of waste in accordance with environmental laws.

See more instructions in the Safety Data Sheet.

## DISCLAIMER

*The information in this data sheet is given to the best of TOA's knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond TOA's control. TOA cannot guarantee anything only the quality of the product itself. TOA reserve the right to change given data without further notice.*

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