# KOLMAT® EASYFIT

## ANAEROBIC SEALANT AND SECURING AGENT




### PRODUCT DESCRIPTION

Anaerobic sealant and securing agent for conical and cylindrical metal threaded connections.

### FIELD OF APPLICATION

Suitable for, e.g., cold and warm water (CH), steam, gas, oil, glycol, diluted acids and bases, various solvents and fuels, and (compressed) air. Can be applied to copper, brass, (galvanized) steel and stainless steel amongst other materials. Suitable for diameters ≤ 4" (ISO 7-1). Maximum clearance 0.35 mm.
Not suitable for concentrated acids and bases and oxygen.

### PROPERTIES

· Immediately loadable at low pressure
· Resistant to thermal shock and vibration
· Chemical resistant

### CERTIFICATES & STANDARDS

| Certificates | |
|---|---|
| GASTEC QA | Gastec QA: Screw thread sealant for gas-tight sealing of metal threaded pipe joints, class 8 bar. Certificate Q 014/006 based on GASTEC QA demands 31-2. |
| ACS | ACS: In accordance with the positive lists of ACS (Attestation de Conformité Sanitaire). Certificate Eurofins 26 CLP NY 045. |
| DIN DVGW CERT | DVGW: Sealing product for threaded connections in gas-und water installations. Certificate NG-5146BT107 |

| Standards | |
|---|---|
| EN 751-1 | EN 751-1 (H): Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gasses and hot water. Part 1 Anaerobic compounds. |

### PREPARATION

**Working Conditions:** Do not use in temperatures ≤ +5°C.
**Preliminary Surface Treatment:**Clean surfaces using a degreaser (Griffon Primor) and a clean, well-absorbent lint-free cloth (Griffon Cleaner Cloth).

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

# KOLMAT® EASYFIT

## ANAEROBIC SEALANT AND SECURING AGENT

### APPLICATION

ADJUSTING TIMES

| 20°C - 25°C ø ½" (ISO 228-1) | 45° - > 360° |
|---|---|
| COPPER | < 30 SEC |
| BRASS | 1 MIN |
| STEEL (GALVANISED) | 5 MIN |
| STAINLESS STEEL | 5 MIN |
| ZINC | 5 MIN |

Valid at application temperature 20°C- 25°C , ½" fitting accordingly ISO 228-1 and without any locking torque (M=0 Nm) of bonded parts. Time x 2 at 15-20°C and x 4 at 5-15°C.

**Directions for use:**
1. Clean surfaces using a degreaser (Griffon Primor) and a clean, well-absorbent lint-free cloth (Griffon Cleaner Cloth).
2. Apply evenly to the first 4 screw threads of the male part and the first screw thread of the female part. 3. Assemble joint immediately and remove residue. Curing time (>20°C): functional 3 - 6 hours, final 12 - 24 hours (except stainless steel 72 hours). Difficult to detach after curing.
**Stains/residue:** Remove any residue with a moist cloth or degreaser.

### TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Chemical base: | Methacrylate ester |
| Chemicals resistance: | Good |
| Colour: | Yellow |
| Density approx.: | 1,08 g/cm³ |
| Final bond strength after: | 24 hours |
| Max. bonding gap: | 0.35 mm |
| Minimum application temperature: | 5 °C |
| Maximum application temperature: | 40 °C |
| Minimum temperature resistance: | -50 °C |
| Maximum temperature resistance: | 150 °C |
| Viscosity approx.: | 20000 mPa·s |
| Water resistance: | Very good |

CURING TIMES*

| 20°C - 25°C ø ½" (ISO 228-1) | 1,5 BAR | 4 BAR | 10 BAR | 30 BAR |
|---|---|---|---|---|
| COPPER | 15 MIN | 15 MIN | 1 HOUR | 2 HOUR |
| BRASS | 15 MIN | 15 MIN | 1 HOUR | 2 HOUR |
| STEEL (GALVANISED) | 2 HOUR | 2 HOUR | 12 HOUR | 36 HOUR |
| STAINLESS STEEL | 2 HOUR | 2 HOUR | 12 HOUR | 36 HOUR |
| ZINC | 30 MIN | 30 MIN | 3 HOUR | 12 HOUR |

Valid at application temperature 20°C- 25°C , ½" fitting accordingly ISO 228-1 and by locking torque M=40 Nm of bonded parts. Curing time x 2 at 15-20°C and x 4 at 5-15°C.

* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

### STORAGE CONDITIONS

Shelf life: At least 24 months after production.
Stored in unopened packaging between +5°C and +25°C.
Best Before Date (MM/YY): see packaging. Close packaging properly after use and store in a dry, cool, and frost-free location.
Limited shelf life after opening.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.