

# Technical Data Sheet

## Torque Sealants

# Contents

<b>1. Greenmark®</b>	<b>3</b>	<b>6. Universal Remover</b>	<b>28</b>
<b>2. Comparison of our torque sealants</b>	<b>4</b>	6.1 Overview Universal Remover	29
2.1 Technical data	4	6.2 Technical data	29
2.2 Media resistance	5	6.3 Further information	30
<b>3. Standard Range</b>	<b>6</b>	<b>7. Disclaimer</b>	<b>31</b>
3.1 Overview Standard Range	7		
3.2 Technical data	8		
3.3 Media resistance	9		
3.4 Tamper protection	10		
3.4.1 Basic	10		
3.4.2 Secure	10		
3.4.3 Topsecure (Bäder-Ident®)	11		
3.5 Further information	12		
<b>4. Zero Range - Greenmark®</b>	<b>13</b>		
4.1 Overview Zero Range	14		
4.1.1 Torque Sealant	14		
4.1.2 Brush Marker*	15		
4.1.3 High Precision Marker*	15		
4.2 Technical data	16		
4.3 Media resistance	17		
4.4 Tamper protection	18		
4.4.1 Basic	18		
4.4.2 Secure	18		
4.4.3 Topsecure (Bäder-Ident®)	19		
4.5 Further information	20		
<b>5. Fast Dry Range</b>	<b>21</b>		
5.1 Overview Fast Dry Range	22		
5.2 Technical data	23		
5.3 Media resistance	24		
5.4 Tamper protection	25		
5.4.1 Basic	25		
5.4.2 Secure	25		
5.4.3 Topsecure (Bäder-Ident®)	26		
5.5 Further information	27		

# 1. Greenmark®

The sub-brand Greenmark® comprises all marking systems of Lackfabrik Bäder GmbH & Co. KG, which are free of hazardous substances and have a particularly gentle effect on people and the environment.

It is the result of Bäder®'s strategic decision to rely largely on high-performance water-based marking systems for new developments and thus to decisively improve the ecological footprint. The Zero range marks the beginning and will be completed by further high-performance systems this year and in the coming year.

## Properties of all Greenmark® products

- Water-based
- VOC-free
- HAP-free
- No dangerous goods
- Insulating
- Good media resistance



Designed for  
the future

## 2. Comparison of our torque sealants

### 2.1 Technical data

	Standard Range	Zero Range	Fast Dry Range
Viscosity	15.000 - 20.000 mPas	10.000 - 30.000 mPas	20.000 - 30.000 mPas
VOC content	540 g/L ±20 g/L*	0 g/L	520 g/L ±20 g/L*
Application temperature	-20° C - 35° C	2° C - 35° C	-20° C - 35° C
Temperature stability	-80° C - 160° C	-80° C - 120° C	-80° C - 125° C
pH value	-	ca. 8 - 9	-
Flashpoint	29° C	-	-4° C
Touch dry after	ca. 5 min**	ca. 10 min**	ca. 1min**
Fully hardened after	ca. 24 hours**	ca. 12 hours**	ca. 24 hours**
Density	ca. 1,05 g/cm <sup>3</sup>	ca. 0,98 g/cm <sup>3</sup>	ca. 1,05 g/cm <sup>3</sup>
Shelf life	6 - 48 Months***	6 - 24 Months***	6 - 24 Months***

\* May vary slightly depending on the respective colour

\*\* Drying and through-drying speed are strongly dependent on the layer thickness and the ambient conditions. Please test yourself for your own application

\*\*\* More detailed information can be found in the section "Safety levels" of the respective series

## 2.2 Media resistance

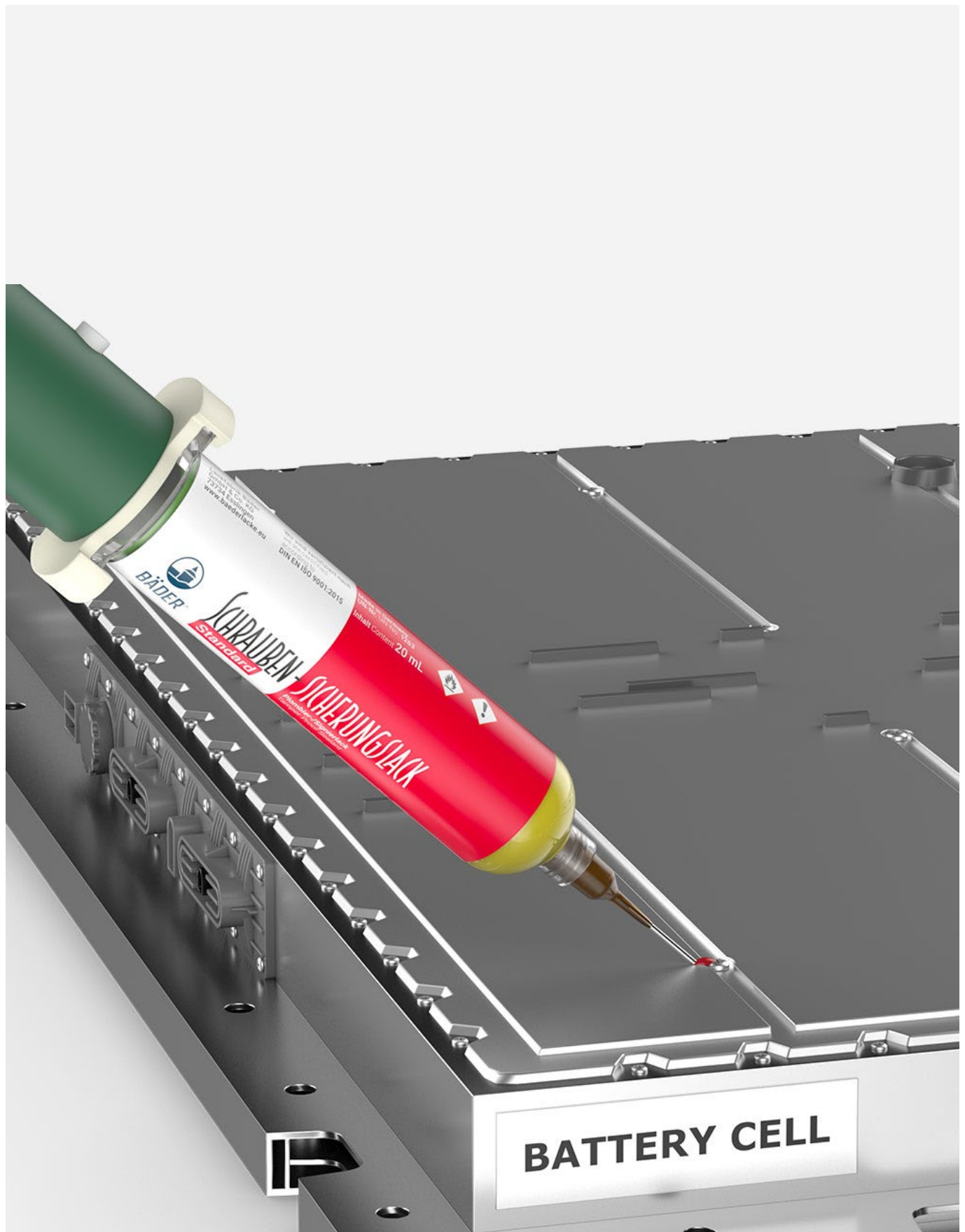
Medium	Standard Range	Zero Range	Fast Dry Range
Water	●	●	●
Gasoline	●	●	●
Super 95	●	○	●
White spirit 135/175	●	●	●
Special boiling point	●	●	●
product 100/140	○	○	●
Ethanol	●	○	●
Isopropyl alcohol (IPA)	●	○	●
n-Butanol	○	○	○
2-Methoxy-1-Propanol	×	○	○
Butylacetate	×	○	×
Ethylacetate	×	○	×
Acetone	×	○	×
Methyl ethyl ketone (MEK)	●	●	●
Titanium grease	●	●	●
WD-40	●	○	●
Hydrochloric acid 0,5 mol/l	●	●	●
Hydrofluorether	×	×	×
Skydrol 5	×	×	×

● Resistant: no or very little impairment

○ Limited resistance: weak to moderate attack

× Unstable: strong attack / paint dissolves in medium

## 3. Standard Range



## 3.1 Overview Standard Range

The Standard Range of Lackfabrik Bäder GmbH & Co. KG is the reference since 1962 in the market of torque sealants and for years has been used millionfold in small, medium, large and global industrial companies.

Our torque sealant Standard is the essential tool to protect, mark, fill and seal work involving all kinds of screw securing jobs. It is used for quality assurance and to safeguard against manipulation in machine-building, precision-engineering, the automotive industry and electronics.

### a) Properties

- Fast drying
- Insulating
- Good media resistance

### b) Flow properties

- Flow

### c) Norms

- UV and weather resistant for at least 10 years\*

\*according to DIN EN ISO 2810

### d) Industry specifications

- Airbus-Specification ECS-L 2274
- Boeing-Specification BMS8 45 Type II
- Rolls-Royce-Specification MSRR1102
- Bosch-Norm 2580-1
- Safran-Specification HMDC6002

### e) Available containers and suggested screw sizes

Container	Screw sizes
Tube 20 ml	M3 - M24
Tube 50 ml	M12 - M48
Cartridge 30 ml	M12 - M48
Cartridge 50 ml	M1 - M48
Can 1 kg	-

## f) Colours and item numbers

	Colour	RAL	Item no.
	Transparent	-	#10080
○	Signal white	RAL 9003	#11000
●	Broom yellow	RAL 1032	#12000
●	Deep orange	RAL 2011	#12200
●	Vermilion	RAL 2002	#13000
●	Heather violet	RAL 4003	#13200
●	Signal blue	RAL 5005	#14000
●	Emerald green	RAL 6001	#15000
●	Silver grey	RAL 7001	#17000
●	Traffic black	RAL 9017	#18000

## 3.2 Technical data

	Standard Range
Viscosity	15.000 - 20.000 mPas
VOC content	540 g/L ±20 g/L*
Application temperature	-20° C - 35° C
Temperature stability	-80° C - 160° C
pH value	-
Flashpoint	29° C
Touch dry after	ca. 5 min**
Fully hardened after	ca. 24 hours**
Density	ca. 1,05 g/cm <sup>3</sup>
Shelf life	6 - 48 Months***

\* May vary slightly depending on the respective colour

\*\* Drying and through-drying speed are strongly dependent on the layer thickness and the ambient conditions. Please test yourself for your own application

\*\*\* More detailed information can be found in the section "Safety levels" of the respective series



## 3.3 Media resistance

Medium	Standard Range
Water	●
Gasoline	●
Super 95	●
White spirit 135/175	●
Special boiling point	●
product 100/140	○
Ethanol	●
Isopropyl alcohol (IPA)	●
n-Butanol	○
2-Methoxy-1-Propanol	×
Butylacetate	×
Ethylacetate	×
Acetone	×
Methyl ethyl ketone (MEK)	●
Titanium grease	●
WD-40	●
Hydrochloric acid 0,5 mol/l	●
Hydrofluorether	×
Skydrol 5	×

- Resistant: no or very slight impairment
- Conditionally resistant: weak to moderate attack
- × Unstable: strong attack / paint dissolves in medium

## 3.4 Tamper protection

The Standard Range is available in the tamper-evidents Basic, Secure and Topsecure (BäderIdent®).

### 3.4.1 Basic

This tamper-evident is the basic version (without the addition of special marker particles) of the Standard Range.

#### a) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml, Can 1 kg	min. 2 - 4 years from manufacture
Cartridge 30 ml / 50 ml	6 months from manufacture

### 3.4.2 Secure

The tamper-evident Secure contains a concealed security feature that can be made visible on the lacquer by shining a 300 mW IR emitter (980 nm) on it.

#### a) Colours and item numbers

	Colour	RAL	Item no.
○	Signal white	RAL 9003	#11002
●	Broom yellow	RAL 1032	#12002
●	Deep orange	RAL 2011	#12202
●	Vermilion	RAL 2002	#13002
●	Heather violet	RAL 4003	#13202

#### b) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml Can 1 kg	1 year from manufacture
Cartridge 30 ml / 50 ml	6 months from manufacture

\* Longer storage times may be possible, please test before use. The product has a longer shelf life when refrigerated. Protect from sunlight.

### 3.4.3 Topsecure (Bäder-Ident®)

The tamper-evident Topsecure (Bäder-Ident®) offers an unambiguous product identification, making it an effective means against product counterfeiting and manipulation of every kind.

The BäderIdent® lacquer system contains an individual code which consists of a specific fluorescent marker particle and a color.

By means of a suitable analyser, you can always check on site the authenticity and integrity of your product.

#### a) Colours and item numbers

	Colour	RAL	Item no.
	Transparent	-	#10081
○	Signal white	RAL 9003	#11001
●	Broom yellow	RAL 1032	#12001
●	Deep orange	RAL 2011	#12201
●	Vermilion	RAL 2002	#13001
●	Heather violet	RAL 4003	#13201
●	Signal blue	RAL 5005	#14001
●	Emerald green	RAL 6001	#15001

#### b) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml Cartridge 30 ml / 50 ml Can 1 kg	6 months from manufacture

\* Longer storage times may be possible, please test before use. The product has a longer shelf life when refrigerated. Protect from sunlight.

## 3.5 Further information

### **Ordinance on hazardous substances**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

### **Pretreatment of surfaces**

Surfaces must be cleaned of grease, oil, humidity and rust. Please perform compatibility tests to your application/material demands.

### **Processing**

Apply directly to fittings dropwise, use the extension-tip to reach even poorly accessible connections (tube).

### **Cleaning**

Product residues and impurities are easily removed with Universal Tamper Proof Sealant Remover.

### **Personal protection measures**

Respiratory protection not required in well-ventilated areas; avoid inhalation of fumes; ensure sufficient ventilation!

### **Firefighting**

Foam, CO<sub>2</sub>, extinguishing powder or sand, never use full water jet.

### **Accidental release measures**

Absorb with binding material (e.g. sand, diatomaceous earth, acid binder, universal binder) and dispose of in accordance with the local regulations.

### **Disposal**

Dispose of product residues and packaging in accordance with the local regulations.

## 4. Zero Range - Greenmark®



## 4.1 Overview Zero Range

The Zero Range from Lackfabrik Bäder GmbH & Co. KG is the first 100% water-based securing lacquer system that works completely without organic solvents (VOC-free). In addition to its excellent adhesive properties, it has good breaking properties and a drying speed that is phenomenal for water-based systems. Furthermore, it is not a hazardous material, which leads to a significant risk minimization for the user during its processing.

### a) Properties of all Zero Range products

- Water-based
- VOC-free
- HAP-free
- No hazardous material
- Insulating
- Good media resistance

### b) Norms

- UV and weather resistant for min. 4 years\*

\*according to DIN EN ISO 2810

### c) Industry specifications

- Boeing-Specification BMS8 45 Type II
- Rolls-Royce-Specification MSRR1102
- Bosch-Norm 2580-1

## 4.1.1 Torque Sealant

### a) Additional properties

- Food safe\*\*

\*\* according to Regulation (EC) No. 1935/2004 and complies with the regulations of the German Food and Feed Code (LFGB)

### b) Flow properties

- Medium-Flow

### c) Available containers and suggested screw sizes

Container	Screw sizes
Tube 20 ml	M3 - M24
Tube 50 ml	M12 - M48
Cartridge 30 ml	M12 - M48
Cartridge 50 ml	M1 - M48
Can 1 kg	-

**d) Colours and item numbers**

	Colour	RAL	Item no.
○	Cream	RAL 9001	#11000w
●	Zinc yellow	RAL 1018	#12000w
●	Luminous bright	RAL 2007	#12200w
●	Traffic red	RAL 3020	#13000w
●	Signal blue	RAL 5005	#14000w
●	Yellow green	RAL 6018	#15000w
●	Window grey	RAL 7040	#17000w
●	Jet black	RAL 9005	#18000w

**4.1.2 Brush Marker\*****a) Additional properties**

- Ideal for sealing bolts, nuts and adjustable parts
- Provides good anti-fungal properties and resists mold growth
- Fluoresces under black light

**b) Flow properties**

- Flow

**c) Available containers and suggested screw sizes**

Container	Screw sizes
Brush bottle 15 ml	M1 - M3

**d) Colours and item numbers**

	Colour	RAL	Item no.
●	Neon red (dried)	-	#13050w

**4.1.3 High Precision Marker\*****a) Properties**

- Enables highly precise and clean work on smallest parts
- Perfectly suited for labeling/markings a wide variety of workpieces
- Fluoresces under black light

\* Only available in the tamper-evident Basic.

**b) Flow properties**

→ Flow

**c) Available containers and suggested screw sizes**

Container	Screw sizes
Dropping bottle 15 ml	M1 - M3

**d) Colours and item numbers**

	Colour	RAL	Item no.
	Neon red (dried)	-	#13060w

## 4.2 Technical data

	Zero Range
Viscosity	10.000 - 30.000 mPas
VOC content	0 g/L
Application temperature	2° C – 35° C
Temperature stability	-80° C - 120° C
pH value	ca. 8 - 9
Flashpoint	-
Touch dry after	ca. 10 min*
Fully hardened after	ca. 12 hours*
Density	ca. 0,98 g/cm <sup>3</sup>
Shelf life	6 - 24 Months**

\* Drying and through-drying speed are strongly dependent on the layer thickness and the ambient conditions. Please test yourself for your own application

\*\* More detailed information can be found in the section "Safety levels" of the respective series



## 4.3 Media resistance

Medium	Zero Range
Water	●
Gasoline	●
Super 95	○
White spirit 135/175	●
Special boiling point	●
product 100/140	○
Ethanol	○
Isopropyl alcohol (IPA)	○
n-Butanol	○
2-Methoxy-1-Propanol	○
Butylacetate	○
Ethylacetate	○
Acetone	○
Methyl ethyl ketone (MEK)	●
Titanium grease	●
WD-40	○
Hydrochloric acid 0,5 mol/l	●
Hydrofluorether	×
Skydrol 5	×

- Resistant: no or very slight impairment
- Conditionally resistant: weak to moderate attack
- × Unstable: strong attack / paint dissolves in medium

## 4.4 Tamper protection

The Zero Range is available in the tamper-evidents Basic, Secure and Topsecure (BäderIdent®).

### 4.4.1 Basic

This tamper-evident is the basic version (without the addition of special marker particles) of the Zero Range.

#### a) Storage at 10 - 18°C\*

Container	Duration
Brush bottle 15 ml Dropping bottle 20 ml Tube 20 ml / 50 ml Can 1 kg	min. 2 years from manufacture
Cartridge 30 ml / 50 ml	1 year from manufacture

### 4.4.2 Secure

The tamper-evident Secure contains a concealed security feature that can be made visible on the lacquer by shining a 300 mW IR emitter (980 nm) on it.

#### a) Colours and item numbers

	Colour	RAL	Item no.
○	Cream	RAL 9003	#11002w
●	Zinc yellow	RAL 1032	#12002w
●	Luminous bright	RAL 2011	#12202w
●	Traffic red	RAL 2002	#13002w

#### b) Storage at 10 - 18°C\*

Container	Duration
Tube 20 ml / 50 ml Cartridge 30 ml / 50 ml Can 1 kg	1 year from manufacture

### 4.4.3 Topsecure (Bäder-Ident®)

The tamper-evident Topsecure (BäderIdent®) offers an unambiguous product identification, making it an effective means against product counterfeiting and manipulation of every kind.

The BäderIdent® lacquer system contains an individual code which consists of a specific fluorescent marker particle and a color.

By means of a suitable analyser, you can always check on site the authenticity and integrity of your product.

#### a) Colours and item numbers

	Colour	RAL	Item no.
○	Cream	RAL 9003	#11001w
●	Zinc yellow	RAL 1032	#12001w
●	Luminous bright	RAL 2011	#12201w
●	Traffic red	RAL 2002	#13001w
●	Signal blue	RAL 5005	#14001w
●	Yellow green	RAL 6001	#15001w

#### b) Storage at 18°C\*

Container	Duration
Tube 20 ml / 50 ml Cartridge 30 ml / 50 ml Can 1 kg	6 months from manufacture

\* Longer storage times may be possible, please test before use. The product has a longer shelf life when refrigerated. Protect from sunlight.

## 4.5 Further information

### **Pretreatment of surfaces**

Surfaces must be cleaned of grease, oil, humidity and rust. Please perform compatibility tests to your application/material demands.

### **Processing**

Apply directly to fittings dropwise, use the extension-tip to reach even poorly accessible connections (tube).

### **Cleaning**

Product residues and impurities are easily removed with Universal Tamper Proof Sealant Remover.

### **Personal protection measures**

Respiratory protection not required in well-ventilated areas; avoid inhalation of fumes; ensure sufficient ventilation!

### **Firefighting**

Foam, CO<sub>2</sub>, extinguishing powder or sand, never use full water jet.

### **Accidental release measures**

Absorb with binding material (e.g. sand, diatomaceous earth, acid binder, universal binder) and dispose of in accordance with the local regulations.

### **Disposal**

Dispose of product residues and packaging in accordance with the local regulations.

## 5. Fast Dry Range



## 5.1 Overview Fast Dry Range

The Fast Dry Range from Lackfabrik Bäder GmbH & Co. KG is an extremely fast drying tamper proof sealant (torque seal), which is characterized by an excellent anti-flow behavior and good adhesion properties.

Our Schraubensicherungsslack Fast Dry is the essential tool to protect, mark, fill and seal work involving all kinds of screw securing jobs. It is used for quality assurance and to safeguard against manipulation in machine-building, precision-engineering, the automotive industry and electronics.

### a) Properties

- Extremely fast drying
- Excellent anti-flow behaviour
- Insulating
- Good media resistance

### b) Flow properties

- Anti-Flow

### c) Norms

\*according to DIN EN ISO 2810

- UV and weather resistant for min. 3 years (elapsed time since start of test)\*

### d) Industry specifications

- Airbus-Specification ECS-L 2274
- Boeing-Specification BMS8 45 Type II
- Rolls-Royce-Specification MSRR1102
- Bosch-Norm 2580-1
- Safran-Specification HMDC6002

### e) Available containers and suggested screw sizes

Container	Screw sizes
Tube 20 ml	M3 - M24
Tube 50 ml	M12 - M48
Can 1 kg	-

## f) Colours and item numbers

	Colour	RAL	Item no.
○	Pure white	RAL 9010	#11000f
●	Traffic yellow	RAL 1023	#12000f
●	Bright red orange	RAL 2008	#12200f
●	Traffic red	RAL 3020	#13000f
●	Pink	-	#13200f
●	Signal blue	RAL 5005	#14000f
●	May green	RAL 6017	#15000f
●	Traffic grey A	RAL 7042	#17000f
●	Signal black	RAL 9004	#18000f

## 5.2 Technical data

	Fast Dry Range
Viscosity	20.000 - 30.000 mPas
VOC content	520 g/L ±20 g/L*
Application temperature	-20° C - 35° C
Temperature stability	-80° C - 125° C
pH value	-
Flashpoint	-4° C
Touch dry after	ca. 1min**
Fully hardened after	ca. 24 hours**
Density	ca. 1,05 g/cm <sup>3</sup>
Shelf life	6 - 24 Months***

\* May vary slightly depending on the respective colour

\*\* Drying and through-drying speed are strongly dependent on the layer thickness and the ambient conditions. Please test yourself for your own application

\*\*\* More detailed information can be found in the section "Safety levels" of the respective series

## 5.3 Media resistance

Medium	Fast Dry Range
Water	●
Gasoline	●
Super 95	●
White spirit 135/175	●
Special boiling point	●
product 100/140	●
Ethanol	●
Isopropyl alcohol (IPA)	●
n-Butanol	○
2-Methoxy-1-Propanol	○
Butylacetate	×
Ethylacetate	×
Acetone	×
Methyl ethyl ketone (MEK)	●
Titanium grease	●
WD-40	●
Hydrochloric acid 0,5 mol/l	●
Hydrofluorether	×
Skydrol 5	×

- Resistant: no or very slight impairment
- Conditionally resistant: weak to moderate attack
- × Unstable: strong attack / paint dissolves in medium



## 5.4 Tamper protection

The Fast Dry Range is available in the tamper-evidents Basic, Secure and Topsecure (BäderIdent®).

### 5.4.1 Basic

This tamper-evident is the basic version (without the addition of special marker particles) of the Standard Range.

#### a) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml, Can 1 kg	2 years from manufacture

### 5.4.2 Secure

The tamper-evident Secure contains a concealed security feature that can be made visible on the lacquer by shining a 300 mW IR emitter (980 nm) on it.

#### a) Colours and item numbers

	Colour	RAL	Item no.
○	Pure white	RAL 9010	#11000f
●	Traffic yellow	RAL 1023	#12000f
●	Bright red orange	RAL 2008	#12200f
●	Traffic red	RAL 3020	#13000f
●	Pink	-	#13200f

#### b) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml Can 1 kg	1 year from manufacture

\* Longer storage times may be possible, please test before use. The product has a longer shelf life when refrigerated. Protect from sunlight.

### 5.4.3 Topsecure (Bäder-Ident®)

The tamper-evident Topsecure (BäderIdent®) offers an unambiguous product identification, making it an effective means against product counterfeiting and manipulation of every kind.

The BäderIdent® lacquer system contains an individual code which consists of a specific fluorescent marker particle and a color.

By means of a suitable analyser, you can always check on site the authenticity and integrity of your product.

#### a) Colours and item numbers

	Colour	RAL	Item no.
○	Pure white	RAL 9003	#11001f
●	Traffic yellow	RAL 1032	#12001f
●	Bright red orange	RAL 2011	#12201f
●	Traffic red	RAL 2002	#13001f
●	Pink	-	#13201f
●	Signal blue	RAL 5005	#14001f
●	May green	RAL 6001	#15001f

#### b) Storage at room temperature (approx. 20°C)\*

Container	Duration
Tube 20 ml / 50 ml	6 months from manufacture
Can 1 kg	

\* Longer storage times may be possible, please test before use. The product has a longer shelf life when refrigerated. Protect from sunlight.

## 5.5 Further information

### **Ordinance on hazardous substances**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

### **Pretreatment of surfaces**

Surfaces must be cleaned of grease, oil, humidity and rust. Please perform compatibility tests to your application/material demands.

### **Processing**

Apply directly to fittings dropwise, use the extension-tip to reach even poorly accessible connections (tube).

### **Cleaning**

Product residues and impurities are easily removed with Universal Tamper Proof Sealant Remover.

### **Personal protection measures**

Respiratory protection not required in well-ventilated areas; avoid inhalation of fumes; ensure sufficient ventilation!

### **Firefighting**

Foam, CO<sub>2</sub>, extinguishing powder or sand, never use full water jet.

### **Accidental release measures**

Absorb with binding material (e.g. sand, diatomaceous earth, acid binder, universal binder) and dispose of in accordance with the local regulations.

### **Disposal**

Dispose of product residues and packaging in accordance with the local regulations.

## 6. Universal Remover



## 6.1 Overview Universal Remover

The Universal Tamper Proof Sealant Remover from Lackfabrik Bäder GmbH & Co. KG is the first tamper proof sealant remover available on the market. It is ideally suited for quickly removing tamper proof sealants. This is particularly relevant in areas where frequent opening of the secured screw, plug or housing connection is necessary.

### a) Properties

- Good handling
- Solvent-saving
- Universally applicable

## 6.2 Technical data

	Universal Remover
Viscosity	ca. 7.500 mPas
VOC content	847 g/L
Application temperature	+5 - 30° C
Temperature stability	up till 125° C
Flashpoint	-20° C
Density	ca. 0,86 g/cm <sup>3</sup>

## 6.3 Further information

### **Ordinance on hazardous substances**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

### **Pretreatment of surfaces**

Surfaces must be cleaned of grease, oil, humidity and rust. Please perform compatibility tests to your application/material demands.

### **Processing**

Apply directly to fittings dropwise, use the extension-tip to reach even poorly accessible connections (tube).

### **Cleaning**

Product residues and impurities are easily removed with Universal Tamper Proof Sealant Remover.

### **Personal protection measures**

Respiratory protection not required in well-ventilated areas; avoid inhalation of fumes; ensure sufficient ventilation!

### **Firefighting**

Foam, CO<sub>2</sub>, extinguishing powder or sand, never use full water jet.

### **Accidental release measures**

Absorb with binding material (e.g. sand, diatomaceous earth, acid binder, universal binder) and dispose of in accordance with the local regulations.

### **Disposal**

Dispose of product residues and packaging in accordance with the local regulations.

# 7. Disclaimer

The above information in this technical data sheet (TDS), in particular suggestions for the processing and range of application of our products, is based on our current knowledge and experience. Due to the different application possibilities and the application and working conditions beyond our control, we do not assume any liability for the suitability of our products for the relevant production processes under the specific working conditions as well as the intended processing purposes and results. In order to ensure such suitability, we recommend in any case sufficient prior self-trials and tests.

Any liability resulting from the instructions in this technical data sheet and any other written or verbal advice for the present product is expressly excluded, unless otherwise agreed in an individual contract, in the event of injury to life, limb or health, in the event of intent or gross negligence on our part or in the event of liability under mandatory product liability law.

The data contained herein is for information only and is believed to be reliable to the best of our knowledge. However, we cannot accept liability for results obtained by others over whose methods we have no control. It is the responsibility of the user to determine the suitability of any production methods mentioned herein for his purposes and to take such precautions as may be advisable to protect property and persons from the hazards which may be involved in the handling and use of these products. Accordingly, Lackfabrik Bäder GmbH & Co. KG specifically disclaims any warranty, express or implied, arising out of the sale or use of products manufactured by Lackfabrik Bäder GmbH & Co. KG products, including all warranties or guarantees of fitness for a particular purpose. Lackfabrik Bäder GmbH & Co. KG specifically disclaims any liability for consequential or indirect damages of any kind, including lost profits.