

# KEMABAND SEALING RIBBON 12

Sealing ribbon 12 cm

- ▶ For indoor and outdoor use
- ▶ Elastic
- ▶ Resistant to alkaline substances, acids and salts



## PRODUCT DESCRIPTION

**Nitrile-butadiene (NBR) permanently elastic sealing tape on fleece lamination with 20 mm central expansive zone. Waterproof, elastic even at low temperatures, resistant to alkaline substances, acids and salts, with excellent recovery characteristics and is fully siliconecompatible.**

**FIELD OF USE** For sealing-off joints and dilatation joints in bathrooms, swimming pools, terraces and balconies with the waterproof coatings system HIDROSTOP ELASTIK, HIDROSTOP FLEX, HIDROSTOP DP, HIDROSTOP SUPERFLEX, HIDROSTOP SUPERFLEX ROOF and HIDROSTOP 94.

- PRODUCT** • For indoor and outdoor use
- PROPERTIES** • Elastic
- Resistant to alkaline substances, acids and salts

PRODUCT DATA			
BASIC INFORMATION	<b>Appearance</b>	White-yellow ribbon	
	<b>Packing</b>	10-metre roll 50-metre roll	
	<b>Storage and expiration date</b>	Minimum 24 months from date of production if stored properly in undamaged original sealed packaging in dry and cool conditions. Date of production is printed on packaging.	
TECHNICAL DATA	<b>Carrier material</b>	Polyester fleece laterally elastic	
	<b>Surface</b>	Fleece lamination	
	<b>Total width</b>	120 mm	
	<b>Rubber width</b>	70 mm with 20 mm stretch zone	
	<b>Material weight</b>	50 g/m	
	<b>Thickness</b>	0,6 mm	
	<b>Temperature resistance</b>	-20°C to +90°C	
	<b>Water pressure resistance</b>	Leakproof at 3 bar	
	<b>Shore A hardness</b>	65	
	<b>Tensile strength, lateral direction</b>	> 1,0 N/mm <sup>2</sup>	DIN 53504
	<b>Tensile strength, lengthwise direction</b>	> 7,0 N/mm <sup>2</sup>	DIN 53504
	<b>Rupture strain, lateral direction</b>	> 208 %	DIN 53504
	<b>Rupture strain, lengthwise direction</b>	> 48 %	DIN 53504
	<b>Weather resistance</b>	Resistant	
	<b>Moisture vapour transmission resistance coefficient <math>\mu</math></b>	8400	
	<b>Equivalent air thickness <math>s_d</math></b>	5 m	
	<b>Fire class (DIN, EN)</b>	B3, F	

**CHEMICAL LEGEND:**  
**RESISTANCE** + = resistant

Lactic acid	5 %	+
Acetic acid	5 %	+
Hydrochloric acid	3 %	+
Chloric acid	3 %	+
Sulphuric acid	35 %	+
Citric acid	10 %	+
Potassium hydroxide	20 %	+
Sodium hypochlorite	0,3 g/l	+
Sea water	sea salt 20 g/l	+
Lime milk	pH=12,5	+
Sodium hydroxide solution	pH=14	+
Diesel oil		+
Grease, oil, paraffin		+
pH value		+

## INSTRUCTIONS FOR USE

**CONSUMPTION** When calculating consumption, allow for a tape overlap of at least 5 cm.

**BASE** Substrate should be clean, solid, sound, even and free of all oil, grease, wax, latex compounds, curing compounds, dust and all foreign matter.

**INSTALLATION** Apply the fabric side of the KAMABAND 12 over the fresh layer of waterproof mortar (HIDROSTOP ELASTIK, HIDROSTOP FLEX, HIDROSTOP DP, HIDROSTOP SUPERFLEX, HIDROSTOP SUPERFLEX ROOF, HIDROSTOP 94) using a trowel and smooth the edges of ribbon (if necessary protect the ribbon with foil). When the first layer of waterproof mortar (HIDROSTOP ELASTIK, HIDROSTOP FLEX, HIDROSTOP DP, HIDROSTOP SUPERFLEX, HIDROSTOP SUPERFLEX ROOF, HIDROSTOP 94) achieves sufficient strength, the second is applied perpendicularly to the previous. Cover total surface of sealing ribbon.  
 Connection with next ribbon has to be with at least 5 cm over covering.

**TOOL** Trowel.

**COAGULATION** /

## LIMITATIONS

- WARNINGS**
- Sealing tape ensures excellent compatibility and good adhesion with polymer dispersions, flexible mineral sealing compounds and thermosetting resins. However, it is advisable to conduct a compatibility test before applying other products.
  - Higher temperatures reduce, while lower temperatures prolong times, stated in technical data sheet.
  - Protect freshly installed material from freezing, rain and other bad weather conditions. The material should not be used at (surface, air, material) temperatures lower than 5°C.

**Data source:** All technical data in this technical sheet was obtained by laboratory research. Actual data may differ due to different working conditions.

**Local restrictions:** Due to specific local regulations the installed product can differ from country to country. For exact instructions for use a country specific technical sheet should be obtained.

## SAFETY DATA

KEMABAND 12 is not hazardous product in accordance with the law.

More data on storage, handling and use of mixture can be found in the safety sheet which contains safety, toxicological and ecological data. Warnings on the original packaging should also be considered.

## LEGAL BASE

Information and recommendations related to use of KEMA products are presented in good faith and believed to be correct. The later is based on our knowledge and experience with the products. Information is supplied upon the condition that products are stored and used according to the recommendations and the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to Information or the product to which information refers. In no event will KEMA be responsible for damages of any nature whatsoever resulting from the use of or reliance upon Information or the product to which Information refers. Nothing contained herein is to be construed as a recommendation to the use any product, process, equipment or formulation in conflict with any patent, and KEMA makes no representation or warranty, expressed or implied that the use thereof will not infringe any patent. All orders fall under current sales and supply conditions. The user should always check the latest technical sheet available upon demand.