

# HEADCOLL

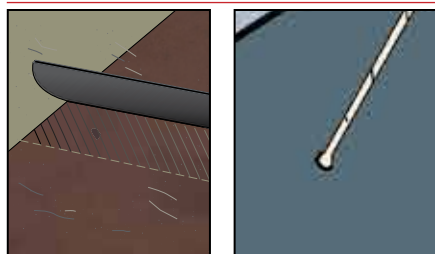
**BITUMINOUS ADHESIVE/SEALANT  
SOLVENT-BASED, FOR COLD BONDING BITUMEN POLYMER MEMBRANES  
TO VERTICAL SURFACES AND OVERLAPS**



CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE		PRECAUTIONS
<b>S</b> SOLVENT BASED	<b>A</b> ONE-COMPONENT		 MIX MECHANICALLY	 APPLY BY TROWEL	

## PROBLEM

### FOR SEALING OVERLAPS OF MEMBRANES AND REFINISHING WHEN WATERPROOFING



Sealing end overlaps of self-adhesive membranes protected with slate chippings cannot be performed by simple self-adhesion. The presence of the slate on the upper face of the membrane requires the use of a suitable cold bonding agent to incorporate the mineral chippings. In the building industry the use of different types of materials on roofs creates the problem of how to make them waterproof by using highly elastic and durable products, resistant to UV rays and totally impermeable to water both at high and low temperatures.

## SOLUTION

**HEADCOLL** is a bituminous paste based on selected bitumens and resins, solvents and mineral additives, formulated specifically for the overlaps of bitumen polymer membranes; it can also be used to bond the membrane onto the vertical parts of the roof.

It is a black paste that is easy to work and spread uniformly across the surface. It has high elasticity, impermeability to water and adhesion to many substrates; good resistance to UV rays.

## APPLICATION FIELDS

**HEADCOLL** is used to bond the overlaps of bitumen polymer membranes as well as bonding the membrane onto the vertical parts of the roof. The adhesive can also be used as a mastic to repair bubbles in old bitumen coverings before laying the membrane with **HEADCOLL** adhesive.

As a sealant, it adheres perfectly to glass, sheet metalwork and metal surfaces. It is suitable for sealing different types of materials, such as bitumen waterproofing, pipes, gutters and skylights.

## ADVANTAGES

- Inexpensive and easy to apply.
- Highly workable and thixotropic to facilitate application on horizontal and vertical surfaces.
- Remains permanently elastic.
- Good resistance to U.V. rays
- Odourless.
- Excellent performance and stability

## METHOD OF USE

### • PREPARING THE SURFACE TO BE TREATED

Any powdery residues, loose parts, oil, grease, bitumen or ice must be cleaned off the surfaces to be sealed. Porous surfaces such as cement, masonry, mortar etc must be mechanically cleaned with a wire brush or abrasive disc.

**HEADCOLL** offers excellent bonding properties without a primer coat on the majority of the most commonly used substrates; however, if the substrates are very old and crumbling, it is advisable to apply a coat of **INDEVER PRIMER E**.

### • APPLICATION

The product is ready to use; apply to the surface of the end overlap, spreading it uniformly (1). **HEADCOLL** should be applied at temperatures ranging from + 5° C to + 35°C, without incorporating air bubbles during application. For

application as a sealant, use a suitable gun (2), smoothing off with a damp spatula and pressing to eliminate air bubbles. The smoothing process must be completed before the sealant forms a skin.

Once the sealant has set, it can only be removed using mechanical means. It can be painted with our product **SOLARIS** or the water-based product **INDECOLOR**.

### • COVERAGE

The indicative coverage of the product as an adhesive is about 0.8 kg/m<sup>2</sup>. As a sealant, with a 310 ml cartridge it is possible to make a joint 2 cm wide, 1 cm deep and 1.5 m long.



(See following)

## TECHNICAL CHARACTERISTICS

		HEADCOLL
Appearance		Paste
Colour		Black
Density	EN 2811-1	1.40 ± 0.10 kg/L
Dry residue - at 130°C	UNI EN ISO 3251	90 ± 5%
Brookfield viscosity	UNI EN ISO 2431	9 000 ± 2 000 poise
Flammability point - closed container	ASTM D 3828-87	> +23°C
Storage in original packaging in a dry place		12 months
<b>Workability characteristics</b>		
Application temperature		+5°C to +35°C
Waiting time - for dust-free drying (*)		approx. 3 hours
Application		manual

Test conditions: temperature 23±2°C, R.H. 50±5% and air speed in the test area <0.2 m/s. These figures may vary depending on the specific conditions of the worksite: temperature, humidity, ventilation, absorbency of the base coat.

(\*) The stated times may be longer or shorter as the temperature decreases or increases.

(See previous)

### • PRECAUTIONS

- Do not use inside unventilated dwellings or spaces.
- Do not apply on wet or excessively damp surfaces.
- Do not mix with cement or water
- If there is any sediment in the bottom of the tin, mix until it is fully blended before use.
- Do not use to waterproof tanks, cellars or channels subject to strong water backflow or pressurised water.

- Do not use to waterproof surfaces or containers where edible liquids and drinking water are kept or which may come into contact with solvents or mineral oils.
- After use, clean tools using diesel or other common solvents (synthetic, white spirit or nitro thinner). We recommend also immersing tools in the solvent during use, to prevent any product residue drying and making the tools unusable.
- Store in original packaging at a

temperature not less than +5°C, away from sources of heat and naked flames. Reclose the containers after use.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

## PACKAGING

5-kg Can  
0.28-litre Cartridge in boxes of 25.

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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