



FIELD OF USE FOR 1st-2nd-3rd DIVISION PRODUCTS

MASTICOLL

SOLVENT-BASED BITUMINOUS MASTIC ADHESIVE FOR COLD BONDING INSULATING PANELS ON CONCRETE

IDROFIX

WATER-BASED BITUMINOUS MASTIC ADHESIVE FOR COLD BONDING INSULATING PANELS ON INTERIOR WALLS

PROBLEM

Adhesion of insulating panels where the use of a naked flame is forbidden and where the use of oxidised bitumen boilers is questionable.

DESCRIPTION

MASTICOLL is a bituminous mastic containing special bitumens, elastomers, solvents and mineral charges.

IDROFIX is an adhesive containing bituminous emulsions in a water solution. It is ready to use and dries quickly.

FIELDS OF USE

MASTICOLL can be used to fix expanded polystyrene, expanded extruded polystyrene, expanded polyurethane, perlite and cellulose fibre panels on buildings with a maximum slope of 5%. For slopes greater than 5%, fixing with MASTICOLL will be complemented with additional mechanical fixing.

IDROFIX is used for the fast fixing of polyurethane or polystyrene panels on vertical or horizontal surfaces and on ceilings where the interior surface is concrete, brick, asbestos cement or timber.

It can also be used as an adhesive for extruded polystyrene panels used to protect

concrete foundations waterproofed with polymer-bitumen membranes before being covered with gravel.

COVERAGE

The yield is roughly 700-800 g/m².

PRECAUTIONS

MASTICOLL

- Avoid using more than the recommended amount of MASTICOLL because the excess solvent contained in the bituminous mastic may damage the polystyrene panels.
- Do not apply MASTICOLL on wet or damp surfaces.
- Do not mix MASTICOLL with cement or water.
- Do not use MASTICOLL near naked flames and do not smoke while applying the product. If applying indoors, make sure that the environment is adequately ventilated.
- We do not recommend using the product on polyurethane panels covered in Kraft

paper or on panels manufactured from mineral fibres.

- When working with perlite or cellulose fibre panels, the roof must be ballasted with heavy protection such as gravel or paving.
- Store MASTICOLL in the original containers, at a temperature higher than +5°C away from heat sources and naked flames, due to the fact that the product is flammable.
- Do not use MASTICOLL to waterproof surfaces or containers in contact with liquids for human consumption, such as drinking water or which may come into contact with solvents or mineral oils.

IDROFIX

- Do not apply the product outdoors if there is a risk of rain.
- Do not apply IDROFIX at temperatures lower than +5°C as it is damaged by frost.

SAFETY REGULATIONS

- Avoid contact with the eyes and skin.
- Do not throw residues down the drains.
- Use only in well ventilated environments.

METHOD OF USE

SUBSTRATE PREPARATION

The surfaces must be smooth and regular, perfectly clean and free from crumbling or loose particles, dry and without traces of oils or grease. Dusty surfaces should be primed with a coat of INDEVER PRIMER.

APPLICATION

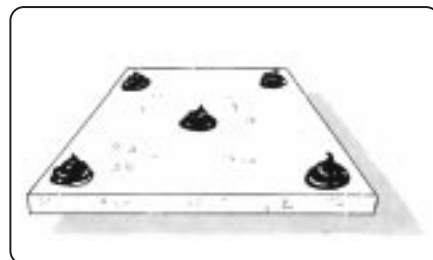
MASTICOLL may be applied to the whole surface by spot bonding or in strips using a roller or a spatula. Strips should be approximately 4 cm wide with a minimum of 4 strips per m² for a yield of roughly 650 g/m². Spot bonding will require approximately 50-80 g of MASTICOLL per point with 10 spots per m². Near perimeters and reliefs, the number of spots or strips should be doubled for a one metre wide area. When full bonding near

reliefs and perimeters, additional mechanical fixing is required. The thickness of the spots and strips of MASTICOLL and the number of mechanical fixings must be decided according to the type of application and the local climate.

To prevent MASTICOLL damaging polystyrene panels during summer, it is recommended that the product is first spread on the supports and left for a minimum of half an hour before attaching the panels. This lets part of the aggressive solvents, which would otherwise damage the polystyrene, evaporate.

When spot bonding, IDROFIX should be applied by spatula in the four corners and in the centre of the insulating panels. As soon as

the product has been applied, press on the insulating panel to ensure complete adhesion. For this spot bonding application the yield is roughly 500 g/m² (5 spots per m²).


















Spot bonding with IDROFIX

MASTICOLL - IDROFIX

TECHNICAL CHARACTERISTICS

	MASTICOLL	IDROFIX
Appearance	viscose liquid	pasty
Colour	black	black
Specific weight (volumetric mass) at 23°C (UNI 8910)	1.40±0.05 kg/litre	1.08±0.05 kg/litre
Dry residue (m/m) at 165°C (UNI 8911)	84±3%	70±2%
Setting time (hardened)	48 hours	24 hours
Viscosity at 40°C	4,750 mm ² /s	
Closed flash point (IP 33/44)	>+34 °C	not flammable
Shelf life in the original containers	12 months	12 months

MASTICOLL									
	ONE-COMPONENT	SOLVENT-BASED	MIX MECHANICALLY	TO BE APPLIED BY SPATULA	TO BE APPLIED BY TROWEL	MINIMUM APPLICATION TEMPERATURE	WEAR PROTECTIVE CLOTHING		
	IDROFIX								
		ONE-COMPONENT	WATER-BASED	MIX MECHANICALLY	TO BE APPLIED BY SPATULA	TO BE APPLIED BY TROWEL	MINIMUM APPLICATION TEMPERATURE	KEEP AWAY FROM FROST	WEAR PROTECTIVE CLOTHING

ADVANTAGES

- Can be applied cold, substitutes oxidised bitumen.
- Ready for use.
- Easily applied.
- Does not require extruders.

PRODUCT



PACKAGING

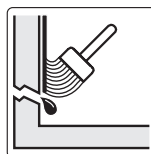
IDROFIX
20 kg pails.
MASTICOLL
25 kg pails.

index
Construction Systems

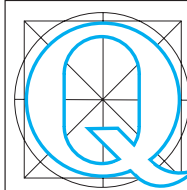
Via G. Rossini, 22
37060 Castel D'Azzano (VR) - Italy
Tel. 045.8546201 - Fax 045.512444

INTERNET: <http://www.index-spa.com> - E-MAIL: index.export@index-spa.it

- 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



Waterproofing
with liquid products



TOTAL QUALITY
Q.S. ISO 9001

ring 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 S.p.A. 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. Consider