



COLD WRAP &
PIPE PROTECTION

TECHNICAL DATA SHEET CHAPTER

YTM PRIMER LIQUID ADHESIVE PRIMER

BUTYL RUBBER BASED • SOLVENT BASED
FOR CORROSION PROTECTION TAPE SYSTEMS



Strong
Tape Bond



Fast Drying
5-10 min



Brush or Roller



Coverage
 $\approx 8 \text{ m}^2/\text{L}$



5 / 10 L Cans



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TECHNICAL DATA SHEET

LIQUID ADHESIVE PRIMER

YTM PRIMER · BUTYL RUBBER BASED

Liquid butyl rubber adhesive for use with YTM corrosion protection tapes on buried and submerged pipes, fittings and metallic installations. The solvent-based formulation promotes a strong bond between the tape adhesive and the substrate, for operating temperatures up to 70 °C.



COVERAGE
≈ 8 M²/L



OPERATING TEMPERATURE
-34 °C TO +70 °C



APPLICATION TEMPERATURE
-5 °C TO +40 °C



PACKAGING
5 / 10 L CANS

KEY FEATURES

- ✓ Butyl rubber based adhesive
- ✓ Fast drying - 5 to 10 min at 23 °C
- ✓ Ensures tape bond to steel
- ✓ Smooths surface irregularities
- ✓ Shelf life 3 years

COMPATIBILITY

COMPATIBLE WITH COATINGS

PE PP PU FBE CTE

COMPATIBLE WITH PIPES & SUBSTRATES

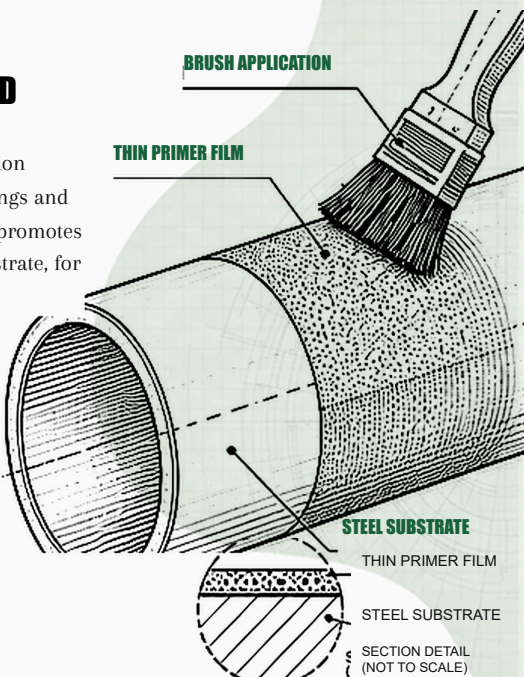
Steel Ductile iron Concrete



EN 12068 C50 System

BRUSH APPLICATION

THIN PRIMER FILM



STEEL SUBSTRATE

THIN PRIMER FILM

STEEL SUBSTRATE

SECTION DETAIL
(NOT TO SCALE)

TECHNICAL CHARACTERISTICS

Characteristic	Unit	Value	Test method
Colour	—	Black	—
Solid contents	%	29	ISO 1515
Flash point	°C	5	ASTM D93
Density	g/cm ³	0,93	EN 12068
Drying time (23 °C)	min	5-10	ASTM 1298
Shelf life	years	3	—
Application temperature	°C	-5 to +40	—
Max. operating temperature	°C	-34 to +70	—
Storage temperature	°C	-15 to +50	—

i Complies with EN 12068 Class C50 when used with the YTM 3-Ply Tape Coating System.

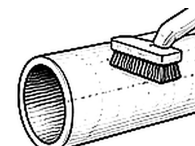
METHOD OF APPLICATION

1 CLEAN



Wire-brush off rust, dirt and weld spatter; remove oil, grease or test gel with a solvent such as white spirit.

2 PREPARE



Prepare steel to St 2 by wire brush or Sa 2 - Sa 2½ by blast cleaning (ISO 8501-1).

3 PRIME



Apply uniformly by brush or roller within 8 hours of preparation, avoiding dots, spots and other defects.

4 WRAP



When touch-dry but still tacky (typically 5-10 min), apply the YTM inner tape.

SUPPLY

Can (litres)	Cans / carton	Litres / pallet
5	4	480
10	1	450

COVERAGE · ≈ 8 M²/L · FULL PIPE SURFACE

Pipe size	Litres / 10 m pipe	m pipe / 5 L can
DN 100	0,45	111
DN 200	0,86	58
DN 300	1,27	39
DN 600	2,40	21

STORAGE & SAFETY

- ✓ Store in closed original cans at -15 to +50 °C, away from heat and direct sunlight; shelf life 3 years.
- ✓ Highly flammable (flash point 5 °C) - no open flames, sparks or smoking; ensure good ventilation.
- ✓ Wear gloves and eye protection; avoid inhaling vapours.
- ✓ Read the Safety Data Sheet before use; keep cans closed when not in use.

i Contact YTM MAKINA for project-specific requirements.

