

LAG COAT 30-6

**PROTECTIVE COATING
FOR THERMAL INSTULATIONS
UPTO 12" DIA**

DESCRIPTION

LAG COAT 6-30 is a water-based protective coating for internal thermal insulation applications. It provides a highly durable, tough, abrasion resistance coating. It has excellent adhesion to various insulation materials, such as canvas and fibreglass.

PACKAGING

1 US GALLON
5 US GALLON

SHIPPING CARTON

SHELF LIFE

2 years from date of manufacture in original unopened packing

STORAGE

Store in dry, cool place out of direct sunlight. Protect from freezing until dry

MANUFACTURER/ SUPPLIER

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APPLICATIONS

Canvas	Polyurethane foam	Glass cloth
Expanded polystyrene	Plastic foam	Glass wool and Rock wool

APPLICATION TOOLS

Coating can be applied by brush, roller or spray gun.

PRIMARY USES

LAG COAT 30-6 is used for bonding and coating a wide variety of thermal insulating materials on air conditioning ducts, cold water pipes and vessels. It also accepts foam insulation materials like polystyrene and polyurethane effectively.

ADVANTAGES

High strength	Non-flammable	Does not discolour with age
Tough and durable	Economical to use	
Non-toxic	Washable	

Excellent adhesion to most thermal insulating materials
Resistant against water, cracks, abrasion and fire

COMPLIANCE

- Meets the requirement for LEED IEQ 4.2 Low Emitting Materials, Paints and Coatings.
- Meets the Green Seal's Building specifications for Paints and Coatings.
- Is UL Classified and is produced under the Follow-Up Service Procedures of Underwriter Laboratories, Inc. (USA)

LAG COAT 30-6
PROPERTIES
COLOUR

White

CONSISTENCY

Moderately viscous liquid

SPECIFIC GRAVITY

 (ASTM D 1475)
 1.40 (approx)

SOLID CONTENT

64% (approx)

COVERAGE

 (smooth non-porous substrates)
 1.1-1.9 m²/l per coat (approx.)

DRYING TIME

 (ASTM D 1640)
 Touch: 2 hrs
 Thru: 6 hrs (depending on climate conditions)

SERVICE TEMP

18°C to +85°C

WET FLAMMABILITY

 ASTM D3278)
 No flash to boiling (100°C)

STRENGTH

Meets requirement of MIL-A-3316-C/D, Class 1: Grade A

WATER VAPOUR PERMEANCE

 (ASTM F 1249)
 0.87 metric perms at 0.8mm DFT

WET FILM THICKNESS

 (WFT)
 0.60-1.00mm per coat

DRY FIM THICKNESS

 (DFT)
 0.24-0.40mm per coat

SURFACE BURNING CHARACTERISTICS

 ASTM E 84: Class A
 BS 476: Past 6 Pass, Part 7 Class 1
 UK Building Regulation: Class O

VOC CONTENT

 (LEED)
 2g/l (as supplied)

LIMITATIONS

Store and apply between +4°C to +40°C.

DIRECTIONS OF USE
SURFACE PREPARATION

All surfaces should be clean, dry and free from dust, grease and other foreign matters.

APPLICATION

1. Apply an even tack coat of product onto lagging material at 1.1-1.3 m²/l.
2. Imbed lagging material while coating is wet.
3. Smooth wrinkles and overlap seams by at least 5 cm to ensure ends provide a definite seal.
4. Apply a second top finish at 1.1-1.3 m²/l over jacket to protect covering.

Lagging material can also be dipped directly where saturation and shrinkage are required.

CAUTION

- Do not dilute
- Do not apply in excessive temperatures
- Do not permit installation below freezing within 24 hours of application

For professional use only.
KEEP OUT OF REACH OF CHILDREN
CLEANING

Application tools should be cleaned with fresh water while coating is wet. Dry coating may be removed with hot water or strong chlorinated solvents.

HEALTH & SAFETY

Please refer to the product safety data sheet or contact the manufacturer.

SURFACE BURNING CHARACTERISTICS (ASTM E 84)

SURFACE	6.4mm (1/4 inch) Inorganic Reinforced Cement Board
FLAME SPREAD*	10
SMOKE DEVELOPED	45
NUMBER OF COATS	1
RATE PER COAT	40 ft ² per gallon 44YG

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All information and/or specification given herein are true and reliable, but it is given only for the guidance of our customers. We guarantee the quality of the product but cannot guarantee the result as the product is used in conditions beyond our control. Users are advised to confirm the suitability of the product by their own tests. Our warranty is limited to the replacement of defective NAPCO products.