



SPUNLACED POLYESTER PERMAMAT™ WATERPROOFING REINFORCING ONE-PLY MATTING

PRODUCT DATA
 18" x 100' #9518-1
 36" x 100' #9536-1

04/02/09
superseding: 02/23/09

PRODUCT DESCRIPTION:

PERMAMAT™ is a lightweight high strength material for waterproofing and reinforcing, when used in conjunction with an elastomeric coating or primer saturant. The fabric is 100% polyester continuous filament, spunlaced structures, entangled hydraulically to form a strong, yet conforming membrane. PERMAMAT™ offers the user a new material with extraordinary physical and chemical properties, replacing fiberglass and organic felts, and is non-irritating to the skin. It maintains its physical properties when wet and is dimensionally stable during humidity changes. PERMAMAT™ has excellent chemical resistance and is also resistant to rot and mildew. It is used to strengthen and reinforce potential problem areas. The design of the fabric eliminates air pockets and allows the elastomeric coating or primer saturant to flow through and absorb, forming an impenetrable barrier to water and most other liquids. The excellent conformability of the fabric makes PERMAMAT™ perfect for irregular applications on vertical or horizontal surfaces.

PERMAMAT™ USES:

PERMAMAT™ can be used on any substrate with which the saturant is compatible. Refer to the Product Uses of the data sheet for the specific coating or primer saturant that will be used.

SURFACE PREPARATION:

Refer to the Surface Preparation of the data sheet for the specific coating or primer saturant that will be used.

RECOMMENDED SATURANTS:

Include, but are not limited to: **ROOF-PRIME™**, **PERMABOND™**, **METAL-PRIME RED-OX™**, or **ULTRA PRIME™**, using a minimum 1.5 gallons of saturant per 100 square feet of matting (*Amount of saturant may vary due to porosity and condition of surface*):

18" x 100' = 2.25 Gallons 36" x 100' = 4.5 gallons

APPLICATION PROCEDURE:

Apply a liberal amount of saturant to the surface area to be matted about 2 to 4 inches wider than the matting so that the total area underneath the mat is saturated. Mat must be laid or rolled into the WET saturant. Do not coat too big an area since the saturant might dry before the mat can be applied. Form the mat into the wet saturant conforming it to the contour of the surface thereby eliminating any air pockets, wrinkles or bunching up of the mat. A high density, short nap roller can be used on even surfaces to flatten and smooth out the mat. Let this procedure dry for approximately 1 to 2 hours depending on temperature and humidity. Apply a second light coat of saturant over the mat thus sandwiching the mat between the two coats of saturant. Let this final coat of saturant dry for approximately 1 to 2 hours before applying a primer or coating.

Custom Widths and Lengths are available, but are subject to minimum order quantities, Inquire for Details.

PHYSICAL PROPERTIES

BASIS WEIGHT:	40.4 g/m ²	EDANA 40.3-90
GRAB TENSILE – MD (length):	20.35 pounds	EDANA 20.2-89
DRY TENSILE – CD (width):	3.54 pounds	EDANA 20.2-89
ELONGATION – MD (length):	20.58%	EDANA 20.2-89
ELONGATION – CD (width):	88.23%	EDANA 20.2-89
ABSORBENCY RATE/CAPACITY:	2.0 sec/11.6 g/g	INDA IST 10.1
SOFTENING POINT/MELTING POINT:	250C/300C	

TECHNICAL SPECIFICATIONS:

COLOR:	White	ROLL SIZE:	18" or 36" x 100 Feet
FABRIC:	100% Polyester	BULK:	10.0 mils (80% absorption)
WEIGHT per ROLL (18"):	2.0 lbs. +/- .1 lbs.	WEIGHT per ROLL (36"):	4.0 lbs. +/- .2 lbs.

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

In Any Event Nationwide Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
9500**

This is to advise
the user that
PERMAMAT™
is exempt from the
OSHA
Hazard Communications Standard
since it contains less than
1 percent
of any hazardous ingredient.