



HOME MATE™ UNDERSIDING HM90

Home Mate™ Undersiding (HM90) is the economic grade of Manufacturing Housing Undersiding Film, which meets all the physical property requirements of the Manufacturing Housing Undersiding. *Home Mate™ Undersiding (HM90)* is listed by T. R. Arnold & Associates, Inc. (TRA) and is acceptable for use on manufactured homes constructed in accordance with the Federal Manufactured Home Construction and Safety Standards. *Home Mate™ Undersiding (HM90)* can not be walked on during installation.

Home Mate™ Undersiding (HM90) is manufactured from *IntePlus®* Film, a cross-laminated polyethylene film utilizing the latest manufacturing techniques and technology. This unique product provides the tear and puncture resistance required by the most demanding Manufactured Housing Plant.

BENEFITS OF HOME MATE™ UNDERDERSIDING — HM90

- VAPOR BARRIER PROPERTIES: *Home Mate™ Undersiding (HM90)* provides a maximum vapor barrier protection. The solid structure of the *Home Mate™ Undersiding (HM90)* film will prevent floor damage due to water penetration and reduce mold infestation.
- CROSS-LAMINATED STRENGTH: *Home Mate™ Undersiding (HM90)* is produced from multiple plies of specially formulated, co-extruded polyethylene films, which are laminated at opposing angles. This patented manufacturing process produces a film with exceptional tensile strength, tear and puncture resistance. Highly resistant to tear propagation — small tears or holes do not turn into big repair jobs.
- ROLL AVAILABILITY: LaSalle Bristol stocks the following sizes for quick delivery.

<u>Length *</u>	<u>Widths</u>
3000 ft	148", 170", 176", 184", 196", 205" and 225"
1500 ft	205"

Rolls are also available folded.

Home Mate™ Undersiding (HM90) is produced in the USA, at Inteplast's 530,000 square foot manufacturing facility in Lolita, TX.

For Information on *Home Mate™ Undersiding (HM90)*, please contact your local LaSalle Bristol sales representative.
Roll Length Tolerance +/- 10%
Distributed by LaSalle Bristol

Supersedes: August 2006
Issued: July 2010



HM90 PRODUCT SPECIFICATION (FOLDED FILM)

PRODUCT SIZE *	FOLDING PATTERN	APPROX. WT./ROLL	ROLL DIAMETER	PRODUCT CODE
148" Wide X 3000'	Folded to ~ 74", single "C" fold	685 lbs.	22"	R090KS149
170" Wide X 3000'	Folded to ~ 85", single "C" fold	785 lbs.	22"	R090KS150
176" Wide X 3000'	Folded to ~ 88", single "C" fold	815 lbs.	22"	R090KS151
176" Wide X 3000'	Folded to ~ 44", double "C" fold	815 lbs.	31"	R090KS152
184" Wide X 3000'	Folded to ~ 92", single "C" fold	850 lbs.	22"	R090KS153
196" Wide X 3000'	Folded to ~ 50", double "C" fold	905 lbs.	31"	R090KS154
205" Wide X 3000'	Folded to ~ 52" to 71", double "C" fold	950 lbs.	31"	R090KS155
225" Wide X 3000'	Folded to ~ 57" to 74", double "C" fold	1040 lbs.	31"	R090KS156
205" Wide X 1500'	Folded to ~ 52" to 71", double "C" fold	472 lbs.	22"	R090KS161

LABELS AND MARKINGS:

- TRA Listing Labels are located at both ends of the core.
- Shipping label shows order and ship-to information.
- Production label is located at one end of the core detailing Product Code, GSM, Width, Length, Weight and Roll Number.
- Colored Product Label (**Yellow**) is on the roll detailing the product specification with Bar Code reading.

WRAP:

- No wrap – Tape entire end of the roll to itself using packing tapes.

CORE: 6"

* Roll Length Tolerance +/- 10%

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**HOME MATE™ UNDERSIDING
HM90
PRODUCT SPECIFICATION
(LAYFLAT FILM)**

PRODUCT SIZE *	APPROX. WT./ROLL	ROLL DIAMETER	PRODUCT CODE
176" Wide X 3000'	811 lbs.	19"	R090KS146
196" Wide X 3000'	903 lbs.	19"	R090KS160

LABELS AND MARKINGS:

- TRA Listing Labels are located at both ends of the core.
- Shipping label shows order and ship-to information.
- Production label is located at one end of the core detailing Product Code, GSM, Width, Length, Weight and Roll Number.
- Colored Product Label (**Green**) is on the roll detailing the product specification with Bar Code reading.

WRAP:

- No wrap – Tape entire end of the roll to itself using packing tapes.

CORE: 6"

* Roll Length Tolerance +/- 10%

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REPAIR AND FINISHING OF HOME MATE™ HM, RV & FEMA UNDERSIDING

Small cuts and tears in the *Home Mate™ Undersiding* material can be repaired using a repair tape as specified below, or equivalent. For larger cuts or tears, or for sealing double-wide units, patches made from the same or equivalent Undersiding material should be used. Cut the patch to a size at least 2” wider than the area to be repaired, and fasten on all four sides with an adhesive tape such as LaSalle’s HM2000-2”,3”,4”, & 27” x 150’ rolls; Shurtape PC609 and Iron Grip tape.

Patches and/or repair tapes may also be applied with a contact adhesive, such as 3M High Strength #90 or Sta’-Put SP4M spray adhesives. The repair area should be clean and dry, and the patch should be cut into a minimum of 2” wider on all sides than the area to be repaired. When making patches of the film, make sure that the “grain” of the profile of the patch is placed in the same direction as the Undersiding material, to ensure maximum surface contact. To get the best consistent bonding results, it is recommended to squeegee evenly over the repair tape/patching area by using a typical tape squeegee. Two coats of the adhesive should be sprayed on both the surface of the film to be repaired, and on the patch. Apply the second coat perpendicular to the first. Allow the adhesive 1-5 minutes to set, and then apply the patch to the area to be repaired. Press firmly to assure proper adhesion, being careful to avoid as many air pockets and wrinkles as possible.

Welding patch material to the repair area using a hot iron is NOT recommended, as the welding process will result in the material losing much of its strength in the patched area. Follow either of the above methods instead.

*Supersedes: January 2012
Issued: AUG 2017*



HOME MATE™ UNDERSIDING STORAGE & INSTALLATION

STORAGE: Although *Home Mate™ Undersiding* is durable, some care should be exercised in the storage of the rolls. Rolls should be stored on a flat surface so as not to permanently crease, indent, or otherwise damage them. Rolls should be protected from the elements.

If rolls are to be suspended from pipes or bars during the manufacturing process, the pipes or bars should be of sufficient strength to prevent bending or sagging in the roll. This will ensure that the material is easy to unwind, and will prevent stretching or creasing in the roll.

INSTALLATION TOOLS: Only light hand tools are required for the typical installation of *Home Mate™ Undersiding*. For most installations, the following are all that should be required:

- Stapler with wide crown staples (16 gauge minimum).
- Razor or utility knife
- Straight edge or carpenters square (optional)

INSTALLATION PROCEDURE: *Home Mate™ Undersiding* should be attached to the outside of the perimeter joist with a minimum of 1” wide crown, 16 gauge staples. The material should be laid over the prepared floor assembly or manufactured home frame, with the edge of the material extending over the edge of the perimeter joist or frame, so that the material is provided for attachment. The edge of the material should be stapled on approximate 3” centers around the perimeter. If desired, the film may be folded over before stapling to further increase staple holding power. Staples should be applied at approximately a 45° angle, so as to increase the holding power, and hinder rodent entry. Adjust staple depth so that the staple is flush with the joist, and that the crown is not cutting into the material. *Home Mate™ Undersiding* may be used with either side facing up.

Distributed by LaSalle Bristol

August 2006



HOME MATE™ UNDERSIDING LIMITED WARRANTY

The Inteplast Group, Ltd. warrants, subject to the terms and conditions set forth, factory installed **Home Mate™ Undersiding** to be free from manufacturing defects in workmanship and materials for two years from the date of retail purchase of the manufactured home in which it is installed. This limited warranty applies only to the original site location of the home, and only when the product is used under normal conditions. This limited warranty does not include damages in **Home Mate™ Undersiding** resulting from misuse, abuse, or conditions existing after manufacturing, including, but not limited to: acts of God (such as earthquakes, floods, piercing hail, tornadoes, or other severe weather conditions of any type), alterations, sabotage, fire, improper handling during transportation or setup, water damage, foreign objects, or animals.

Home Mate™ Undersiding is warranted to support the underbelly insulation of the manufactured home, and to provide vapor barrier protection when it is installed, patched or repaired in accordance with the manufacturer's instructions.

Should these products fail to perform as indicated within the terms of this warranty, the manufacturer's sole responsibility will be to provide replacement **Home Mate™ Undersiding**. Additionally, The Inteplast Group, Ltd. and LaSalle Bristol agree to provide no more than three times the original material cost for that particular home for removal and reinstallation costs.

The Inteplast Group, Ltd. shall not be liable for any incidental or consequential loss, damage, or expense.

All claims must be submitted to The Inteplast Group, Ltd. via LaSalle Bristol. The manufacturer reserves the right to inspect any material, which fails to perform as warranted prior to any repair or replacement. Failure to provide The Inteplast Group, Ltd. the opportunity to inspect will result in the nullification of this limited warranty. No allowance will be made for repairs or replacements by the purchaser without express written consent of The Inteplast Group, Ltd.

The Inteplast Group, Ltd. makes no warranty of any kind other than that given above, and hereby disclaims all other warranties, both express and implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

August 2006