

OCTOBER 2006



NCM



NCM • NEW COMPOSITE MEMBRANE

Thermakraft Cover-Up is a coated polyolefin (polyethylene) woven into a sheet form with micro-sized pores that allow the membrane to breathe. It is specifically designed for use in domestic and commercial type buildings and is manufactured with extremely high tensile strength in both directions and increased burst resistance **784 kN/m²**.

Thermakraft Cover-Up meets very high wind zone requirements under NZS 3604:1999. Burst not less than **500 kN/m²**.

Thermakraft Cover-Up is tough and should be fastened as directed (refer opposite page). Normally extra support is not required except for very high wind zones where the addition of 19mm **Thermakraft Stud Strap 201** must be used.

NOTE: NZBC ACCEPTABLE SOLUTION E2/AS1 PARAGRAPH 9.1.8.5 WHERE STUD SPACINGS ARE GREATER THAN 450mm CENTRES, AN INTERMEDIATE MEANS OF RESTRAINING THE BUILDING WRAP AND INSULATION FROM BULGING INTO THE DRAINED CAVITY SHALL BE INSTALLED. ACCEPTABLE MEANS OF ACHIEVING THIS IS **Thermakraft Stud Strap 201 FIXED HORIZONTALLY AT 300mm CENTRES**.

Thermakraft Cover-Up increases productivity allowing work within the structure to proceed by providing temporary weather protection from wind and rain, yet allowing light through. Being translucent it is easy to see nail lines for nogs and studs, and provides the ultimate barrier against the elements (refer Fig 8 & 9).

Thermakraft Cover-Up is one of the strongest breather type membranes on the market. This factor greatly reduces the danger of damage through site damage and installation problems, or because of storm damage, saving dollars on repairs and reinstallation costs.

WARNING: **Thermakraft Cover-Up** **MUST NOT BE USED AS A ROOFING UNDERLAY, OR AS A SARKING OR BARRIER ON WALLS IN DIRECT CONTACT WITH VINYL, METAL OR PVC CLADDING. REFER TO (Fig. 3, 4 & 7) FOR DETAILS OF CAVITY SYSTEM.**

Thermakraft Cover-Up has an extremely high puncture resistance, is unaffected by mildew and most chemicals, and is rot resistant.

For more information regarding compatibility with chemicals, contact **Thermakraft Industries (NZ) Ltd** on **0800 806 595**.

NOTE: **Thermakraft Cover-Up** is unaffected by LOSP.

Thermakraft Cover-Up comes with an additional bonus - **Flame Resistance tested to AS1530 - Part 2 - 1993. Thermakraft Cover-Up achieved a Flammability Index of 1 and meets the requirements of NZBC C3/AS1 - Part 6 - Table 6.2.**

Thermakraft Cover-Up assists in maintaining the "R" Value in

CSR Bradford Gold Thermal and Acoustic Glasswool Insulation

improving energy efficiency for the life of your home by reducing air movement, and is most effective in high wind areas where **Thermakraft Cover-Up** reduces cold air currents seeping into the wall cavity.

Thermakraft Cover-Up warrants that the product is free from defects and other possible manufacturing problems, and will replace the product if affected by ultra-violet, within the period of 60 days exposure.

E. & O. E.



FIG 1

Builders installing **Thermakraft Cover-Up**. The membrane is kept level by assistance of star lines for stud placements.

NOTE: LAP BELOW BOTTOM PLATE.



FIG 2

Stud lines are visible for staples, and assists the installer for the placement of staples.



FIG 3

Thermakraft Cover-Up fixed directly to wall framing prior to a 20mm cavity batten is installed.

INSTALLATION PROCEDURES

TOOLS REQUIRED: SHARP KNIFE (complimentary knife in each roll of 100m² Cover-Up), STAPLE GUN, HAMMER.

NOTE: STORE Thermakraft Cover-Up IN CLEAN DRY CONDITIONS AND NOT IN AREAS WITH DIRECT SUNLIGHT.

1. **Thermakraft Cover-Up** is applied to all exterior walls from below bearers to the top plate (Fig 3). Fix securely to the frame with fasteners such as galvanised Little Grippers, or 6mm-8mm staples, or 20mm large head galvanised clouts at 300mm centres horizontally and vertically (Fig 2). Additional fasteners should be used around each opening to be cut out.

2. **Thermakraft Cover-Up** - when using either 2740mm or 1370mm wide rolls horizontally or vertically, a minimum of 150mm lap is required at joints. If it is necessary to tape the laps, use **Thermakraft White PVC 48mm wide Pressure Sensitive Tape**.

NOTE: ALL VERTICAL LAPS MUST BE MADE OVER STUDS. MAKE GOOD REPAIRS ON ANY FORCED TEARS WITH TAPE.

3. **Thermakraft Cover-Up** is wide enough to come from below the bottom plate to the top plate, covering all windows and door openings. Use extra fastenings around each opening to be cut out.

NOTE: Thermakraft Cover-Up WILL PROVIDE TEMPORARY WEATHER PROTECTION DURING CONSTRUCTION. TRANSLUCENCY OF THE MEMBRANE WILL ENABLE WORK TO PROCEED DURING INCLEMENT WEATHER. ON ARRIVAL OF DOORS AND WINDOWS AT EACH OPENING (Fig 5 & 6), CUT THE Thermakraft Cover-Up AT 45° AWAY FROM EACH CORNER. PULL THE Thermakraft Cover-Up FLAPS INSIDE AND FASTEN TO FRAME (Fig 5).

4. **Thermakraft ALUBAND Window Sealing System** (BEAL Appraisal) IS APPLIED PRIOR TO FITTING WINDOWS (Fig 5 & 6 and as drawings below. Free installation pamphlets available - Phone **0800 805 595**). **NOTE: BRANZ Appraisal 356 relates to Thermakraft Cover-Up only, NOT to the Thermakraft ALUBAND Window Sealing System.**



FIG 4 Timber batten cavity over Thermakraft Cover-Up.

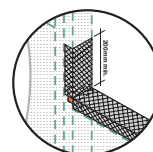
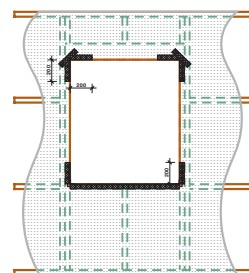
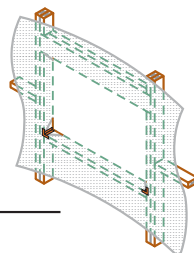
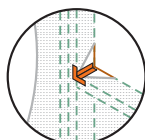


FIG 5 "X" cut Thermakraft Cover-Up and fold back with stapling, preparing for ALUBAND WINDOW SEALING SYSTEM. Simple and efficient.

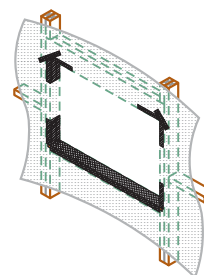


FIG 6 Window opening completed with the Aluband System in place. NOTE: THE ORANGE CORNER MOULDED PIECE AS PART OF THE THERMAKRAFT ALUBAND SEALING SYSTEM.

Providing THE SYSTEM THAT MATTERS



GUARANTEED FOR 50 YEARS



Thermakraft Industries (NZ) Ltd

5. **Thermakraft Cover-Up** is suitable for use as a non-rigid backing material for stucco plaster in accordance with the requirements of NZBC Acceptable Solution E2/AS1 Paragraph 9.3.5.1. The wrap must be supported with 75mm galvanised mesh, or plastic tape or wire at 150mm centres run across the cavity battens to limit deflection to a maximum of 5mm in accordance with the requirements of NZBC Acceptable Solution E2/AS1 Paragraph 9.3.5.2.

6. **Thermakraft Cover-Up** may also be used as a slip layer over rigid backings for stucco plaster in accordance with the requirements of NZBC Acceptable Solution E2/AS1 Paragraph 9.3.3(b).

7. **Thermakraft Cover-Up** can be used as an air barrier (complying with NZBC Acceptable Solution E2/AS1 Table 23) where walls are not lined, such as attic space at gable ends.

GENERAL: Thermakraft Cover-Up IS APPRAISED BY BRANZ LTD, AND IS SUITABLE FOR THE APPRAISED USE. CERTIFICATE No. 356 AVAILABLE ON REQUEST.

Thermakraft Cover-Up MEETS THE PERFORMANCE REQUIREMENTS OF NZBC CLAUSES B2, DURABILITY, E2 EXTERNAL MOISTURE, F2 HAZARDOUS BUILDING MATERIALS.

DURABILITY NZBC B2.3.1A 50 YEARS & B2.3.1B 15 YEARS.

8. **Thermakraft Cover-Up** can be used as a wall wrap on timber framed buildings within the scope:

- NZBC Acceptable Solution E2/AS1 Paragraph 1.1, and
- With absorbent wall claddings directly fixed to framing, and
- With absorbent and non-absorbent wall claddings installed over an 18mm drained cavity, and
- With masonry veneer in accordance with NZS 3604: 1999 Timber Framed Buildings, and
- Situated in NZS 3604: 1999 Timber Framed Buildings, Building wind zones up to and including "VERY HIGH".

Thermakraft Cover-Up can also be used on buildings subject to specific weathertightness design. Building designers are responsible for the building design and for the incorporation of **Thermakraft Cover-Up** into their design, in accordance with the declared properties and the instructions of

Thermakraft Industries (NZ) Ltd.

Refer also to BRANZ Report ST0649.



FIG 7 Timber batten cavity with window installed and ALUBAND WINDOW SEALING SYSTEM shown under battens.



FIG 8 Thermakraft Cover-Up showing the translucent quality and the easy see through, and is resistant to tear in high wind zone till sheathed.



FIG 9 Enquire about our Corporate Print Service. Available to merchants and their builder clients. Special conditions apply.

ROLL DIMENSIONS

WIDTH (mm)	LENGTH (m)	m ²
2740	36.5	100
2740	27.5	75
2740	18.5	50

WIDTH (mm)	LENGTH (m)	m ²
1370	73	100
1370	36.5	50
1370	18.5	25

Thermakraft Industries (NZ) Ltd warrants that the product is free from defects and other possible manufacturing problems. **Thermakraft Cover-Up** must be replaced if exposed to ultra-violet light for a period of greater than 60 days.

MEMBRANES FOR INDUSTRY