

**LAB REPORT # 990407**  
**BONSIL**

**By: B. Kibler**  
**RE: UltraplyXL®**

**Introduction:**

A sample of UltraplyXL® was submitted for evaluation as a substrate for tile using Bonsil's thin sets. Mosaic and Quarry to UltraplyXL® shear bond specimens were prepared with Bonsil's Multipurpose Thin Set. The specimens were air cured 7 days prior to testing. Five sets were tested using both sides of UltraplyXL® with grain vertical and horizontal.

**Conclusion:**

Bonsil's Multipurpose Thin Set bonded to UltraplyXL® meets or exceeds ANSI 118.4 shear bond requirements. There was not a significant difference in bond strength using one side of UltraplyXL® over the other, nor did the grain make a difference.

**Test Data:**

		<u>Shear Bond Strength (PSI)</u>	<u>ANSI</u>
A	Mosaic to UltraplyXL®- Yellower/lighter side grain vertical	335	>300
B	Mosaic to UltraplyXL®- Yellower/lighter side grain horizontal	325	>300
C	Mosaic to UltraplyXL®- Brown/darker side grain vertical	320	>300
D	Mosaic to UltraplyXL®- Brown/darker side grain horizontal	355	>300
E	Quarry Tile to UltraplyXL®- Brown/darker side grain vertical	170	>100



TO: Congoleum Customers

FROM: Congoleum Installation and Technical Office

SUBJECT: UltraplyXL Underlayment Approval for Congoleum Floors

UltraplyXL Premium Underlayment is approved for use with all Congoleum resilient sheet flooring and tile products installed in residential applications. UltraplyXL meets Congoleum's underlayment requirements as outlined in the Congoleum Professional Installation Guide. The clear face veneer, solid core, marine grade glue and calibrated 5.0mm thickness are all characteristic of quality underlayment.

As with any underlayment or supplemental installation product, all warranties and recommendations for installation and intended use rest with the manufacturer of the product and not with the Congoleum Corporation. Broadleaf Industries LLC assumes responsibility for all warranties and claims related to UltraplyXL Premium Underlayment.

A handwritten signature in black ink, appearing to read "Robert Dempsey".

Robert Dempsey  
Installation Group Manager



Domco, a Division of Domco Tarkett, Inc.  
1001 Yamaska Street East  
Farnham, Quebec J2N 1J7  
Tel: (450) 293-3174  
Fax: (450) 293-6644  
[www.domco.com](http://www.domco.com)

Dear UltraplyXL Premium Underlayment:

This letter confirms our position about UltraplyXL Premium Underlayment when used with Domco resilient sheet vinyl.

The performance of UltraplyXL has proven to be an acceptable underlayment for Domco resilient sheet vinyl products.

A recommendation by Domco for a specific use of an underlayment panel with Domco resilient flooring should not be construed as a Domco warranty for the underlayment involved. Regardless of the type of underlayment, the responsibility for warranties and/or performance guarantees for the underlayment rests with the manufacturer of the underlayment and not with Domco.

Please advise your staff and customers of this recommendation. If I can be of any further assistance, please contact me.

Sincerely,

Paul C. Selway  
Installation Service Manager



UltrapplyXL

Subject: UltrapplyXL Underlayment

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*forbo . . . creating better environments*

Thank you for extending Forbo the opportunity to evaluate UltrapplyXL underlayment. Forbo always recommends using high quality materials when installing our flooring products, and UltrapplyXL's solid core construction, clear face veneer, and high solid marine grade glue are all characteristics of quality wood underlayment panels. UltrapplyXL meets Forbo's recommendations as outlined in the Forbo Installation Manual.

Forbo is a global company committed to responsible environmental practices. In addition to any performance benefits that may be derived from the use of UltrapplyXL underlayment, Forbo also recognizes Broadleaf Industries, LLC. support for environmental programs and responsible forest management.

As is the case with any product not manufactured by Forbo, Forbo Linoleum, Inc. does not warrant the use or performance of UltrapplyXL underlayment. Any warranty for UltrapplyXL underlayment is the responsibility of Broadleaf Industries, LLC.

Sincerely,

A handwritten signature in black ink, appearing to read "Frank Wiggins".

Frank Wiggins  
Technical Services Manager  
Forbo Linoleum, Inc.



## UltraplyXL

Thank you for allowing Mannington Resilient Floors to participate in evaluation of UltraplyXL Underlayment. The installation team found UltraplyXL easy to install using standard installation methods. The UltraplyXL was easy to cut using a utility knife or saw. UltraplyXL's light color enabled the installers to easily view the fastener pattern. No problems were reported with the adhesive or patch bonding. UltraplyXL was used under Mannington's ProBac and Perimiflex products.

UltraplyXL meets Mannington's underlayment requirements as outlined in the Professional Installation Guide. Solid core construction, smooth veneer face grade, and exterior glue are inclusive with a quality product. Mannington also prefers that all underlayments be designed and intended for use under resilient products and are supplied with a warranty for that use. Manning does not endorse UltraplyXL underlayment. For it to do so would mean that Mannington would assume responsibility for all uses and warranty issues. All warranties and claims are to be addressed directly with Broadleaf Industries LLC. Please follow all recommended work practices and utilize the best materials available for the best results and customer satisfaction.

Sincerely,

A handwritten signature in blue ink that reads 'Jason Wilde, Jr.'.

Jason Wilde Junior  
Installation Services  
Mannington Resilient Floors  
Salem, N.J. 08079  
609-339-5865



## **TARKETT UNDERLAYMENT PANEL RECOMMENDATIONS**

Tarkett Inc.

FULL SPREAD SHEET VINYL, VINYL COMPOSITION, TILE AND LUXURY VINYL TILE FLOORING	FLEX-FIT™ SHEET VINYL FLOORING
UltraplyXL Underlayment®	UltraplyXL Underlayment®



UltraplyXL:

This correspondence is in regards to your request for an evaluation of the UltraplyXL Premium Underlayment. Small undulations were removed using UltraplyXL under Wilsonart® Flooring. UltraplyXL Premium Underlayment appears to aid in flattening wood subfloors when using the Wilsonart® Flooring floating floor method. The installation procedures of UltraplyXL were very straight forward. The product was very user friendly due to the ease of cutting the underlayment. Although the cutting can be achieved by using a utility knife or a saw, the utility knife was too simple.

UltraplyXL Premium Underlayment appears to have many uses in the flooring industry, and may be considered in many wood subfloor installations when floating Wilsonart® Flooring. Wood based materials would not be recommended on top of concrete slabs where Wilsonart® Flooring is used. Wilsonart® International Inc. is not able to endorse nor undertake the liability of, and will not be responsible for warranty issues with this product.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Roger Petter'.

Roger Petter  
National Flooring Installation Manager