



WIP® Roofing Underlayments: 300 & 400 Architectural Series



WIP 300 & 400 Architectural Series

The Carlisle Reputation

Carlisle has been a leader in the roofing industry for nearly 50 years. The same innovation and high-quality roofing materials that you have come to expect from Carlisle are found in Carlisle's Water & Ice Protection (WIP) line of roofing underlayments.





Specification-grade Underlayments

Carlisle's WIP 300 and 400 series of underlayments offer some of the best physical properties in the industry. With unparalleled performance at a competitive cost, WIP underlayments are the choice for use under metal roofs and in low and high temperature applications.

WIP 300HT – this superior underlayment for use in high-temperature applications is an outstanding performer under metal, copper and COR-TEN®.

WIP 400 – this high-performance, premium underlayment provides exceptional protection in critical roofing areas against damage caused by wind-driven rain and ice dams.

WIP 401LT – this specialty, high-performing underlayment is designed specifically for use in low-temperature applications.

Dare to Compare

The following charts compare Carlisle's WIP 300 and 400 series products to a leading competitor's specification-grade products. The results speak for themselves.

High-temperature Underlayment Comparison

Test/Properties	WIP 300HT	Competitor's Ultra Product
Roll Size	198 sq. ft.	198 sq. ft.
Thickness	40 mils	30 mils
Tensile Strength	250 psi	250 psi
Elongation at Break	250%	250%
Low Temp Flexibility	-45°F	-20°F
Permeance	0.02 perms	0.05 perms
Exposure	60 days (black) 120 days (white)	60 days
Adhesion to Plywood (1)	4 lbs/in width	3 lbs/in width
Code Approvals		
ICC-ES	Yes	Yes
UL-790 Class A/C	Yes	Yes
ASTM D1970	Yes	Yes

Premium, Specification-grade Underlayment Comparison

Test/Properties	WIP 300HT	WIP 400	Competitor's Ice & Water Shield*
Roll Size	198 sq. ft.	225 sq. ft.	225 sq. ft.
Thickness	40 mils	40 mils	40 mils
Tensile Strength	250 psi	250 psi	250 psi
Elongation at Break	250%	250%	250%
Low Temp Flexibility	-45°F	-45°F	-25°F
Permeance	0.02 perms	0.02 perms	0.05 perms
Exposure	60 days (black) 120 days (white)	60 days	30 days
Adhesion to Plywood (1)	4 lbs/in width	4 lbs/in width	3 lbs/in width
Code Approvals			
ICC-ES	Yes	Yes	Yes
UL-790 Class A/C	Yes	Yes	Yes
ASTM D1970	Yes	Yes	Yes

*Ice & Water Shield is a registered trademark of W.R. Grace & Co.

(1) Test Method: WIP ASTM D1970; Competitor ASTM D903

Learn More

You can find all technical data, literature, details and even locate your local representative online at www.carlislewip.com.

About Carlisle WIP Products

As a division of Carlisle Construction Materials, Carlisle WIP Products manufactures premium construction products for steep-slope and low-slope residential and commercial applications.

For more information about the products and services offered by Carlisle WIP Products, call 888.717.1440 or visit their web site at www.carlislewip.com.



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1285 Ritner Highway • Carlisle, PA 17013
888.717.1440

www.carlislewip.com