

Sturdy-Dek®

Asphaltic Cover Board for Modified Bitumen Systems



With you every step of the way

Description:

STURDY-DEK® Asphaltic Cover Board for Siplast modified bitumen systems is designed to protect the roofing assembly and provide a uniform substrate for Paradiene® membranes. The asphaltic panel consists of a core, faced with two asphalt-saturated fiberglass liners. Siplast's Paradiene® membranes may be cold applied or torched directly to the STURDY-DEK® Asphaltic Cover Board, providing a compatible and durable modified bitumen substrate for your roofing system.

Why STURDY-DEK®:

- Available in 4' x 8' sheets in 0.125" (1/8") and 0.25" (1/4") nominal thicknesses
- Sheets can easily be cut with a roofer's knife for fitting as required
- Dimensionally stable board with high water-resistance
- Classified by UL in accordance with ANSI/UL 790, including as a component of Class A fire resistance rated roofing assemblies. Refer to UL Product iQ for specific assemblies
- Extremely lightweight and flexible at only 0.67 lbs per sq. ft. for 1/8" boards and 1.58 lbs per sq. ft. for 1/4" boards
- Exceptional compressive strength and puncture resistance*
- Complements most Siplast Paradiene® applied roof assemblies as highlighted on right



A perfect match: STURDY-DEK® and Paradiene® Membranes

- Siplast was the original developer of SBS-modified bitumens and these asphalt roofing systems have been around since the 1960's
- Commercial asphalt roofing systems' two or more waterproofing layers provide added redundancy for enhanced durability and reliable protection
- Upon torching or applying cold adhesive STURDY-DEK® Asphaltic Cover Board becomes a key component of the roof membrane, reinforcing its strength and improving its resistance to punctures

Product Application:



Low-rise Adhesive Ribbons



Mechanically Fastened

Manufactured by:



*Siplast warranties and guarantees do not provide coverage against hail except where additional puncture resistance coverage is purchased on eligible jobs. Refer to siplast.com for more information on warranty and guarantee coverage and restrictions.

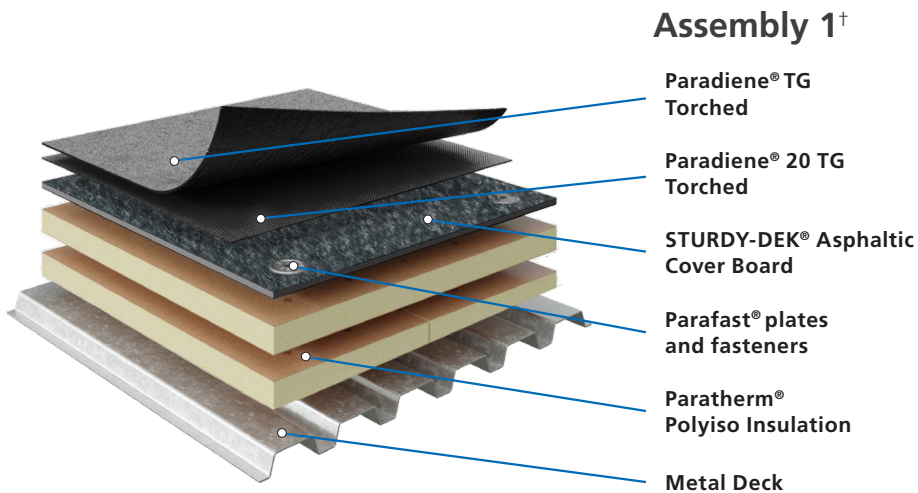
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STURDY-DEK®

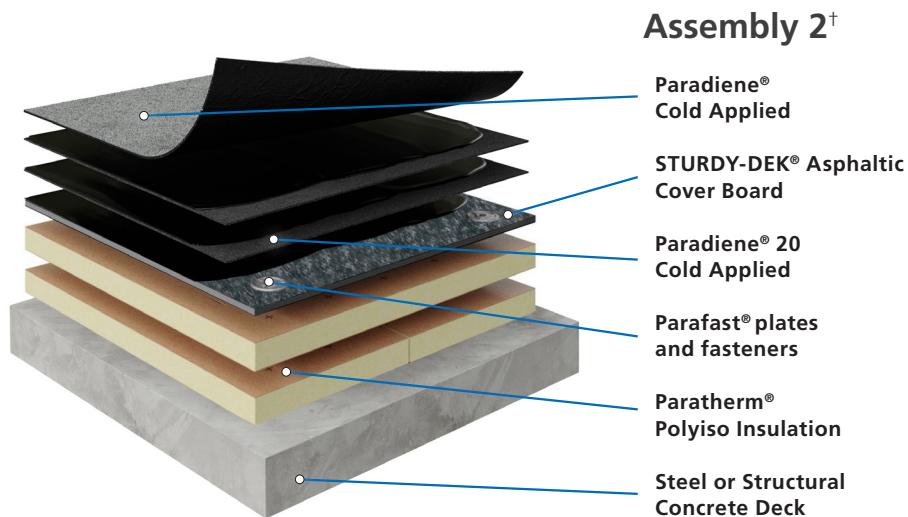
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Representative System Configurations



Assembly 1

- Base ply or interply
 - Paradiene® 20 TG
 - Paradiene® 20 TS
 - Paradiene® 20 HT TG
 - Paradiene® 20 HT TS
 - Paradiene® 20 PR TG
 - Paradiene® 20 EG TG
- Cap ply
 - Paradiene® 30 FR TG
 - Paradiene® 30 FR TG BW
 - Paradiene® 40 FR TG
 - Paradiene® 40 FR TG BW



Assembly 2

- Base ply or interply
 - Paradiene® 20
 - Paradiene® 20 EG
 - Paradiene® 20 HT
- Cap ply
 - Paradiene® 30 FR
 - Paradiene® 30 FR BW
 - Paradiene® 40 FR
 - Paradiene® 40 FR BW

[†] Assemblies shown are for demonstrative purposes only. Additional system approvals are available. Please contact Siplast Design Services at designservices@siplast.com for all available approved assemblies.

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