



Section 4 - System Selection

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Section 4 - System Selection

4.00 - General

- A. This section of the Soprema, Inc. Technical Specification Manual shall be used in conjunction with Section 2 - General Requirements, Section 3 - Single Ply Application, and Single Ply Flashing Details as they are applicable to project design and installation.
- B. Furnish and install the specified Soprema roofing system in accordance published specification and details as well as the project specification by the Designer of Record. This section of the specification is designed to address the membrane assembly part of system selection.

4.01 - System & Membrane Abbreviations & Numbers

- A. The following abbreviations are used in conjunction with designating which Soprema system is being selected for a project:

Prefixes:

IS = Insulated Steel Deck System	US = Uninsulated Steel Deck System*
IC = Insulated Concrete Deck System	UC = Uninsulated Concrete Deck System
IL = Insulated LWIC or LWICC Deck System	UL = Uninsulated LWIC or LWICC Deck System
IW = Insulated Wood Deck System	UW = Uninsulated Wood Deck System
IF = Insulated CWF Deck System	UF = Uninsulated CWF Deck System
IG = Insulated Gypsum Deck System	UG = Uninsulated Gypsum Deck System
IR = Insulated Recover Deck System	UR = Uninsulated Recover Deck System

* Typically PMR systems only

Membrane: This is the same as the PDS number.

Suffixes:

A = Adhesive Attached
C = Cold Process Attached
M = Mechanically Attached

- B. Single Ply TPO Sheets For Mechanically Fastened Systems:

Flagon TPO-45-78 - ASTM D 6878	PDS = 802
Flagon TPO-45-120 - ASTM D 6878	PDS = 803
Flagon TPO-60-78 - ASTM D 6878	PDS = 811
Flagon TPO-60-120 - ASTM D 6878	PDS = 812
Flagon TPO-80-78 - ASTM D 6878	PDS = 821
Flagon TPO-80-120 - ASTM D 6878	PDS = 822

- C. Single Ply PVC Sheets For Mechanically Fastened Systems:

Flagon PVC-45-78 - ASTM D 4434	PDS = 831
Flagon PVC-45-120 - ASTM D 4434	PDS = 832
Flagon PVC-60-78 - ASTM D 4434	PDS = 836
Flagon PVC-60-120 - ASTM D 4434	PDS = 837
Flagon PVC-80-78 - ASTM D 4434	PDS = 841
Flagon PVC-80-120 - ASTM D 4434	PDS = 842
Flagon Copper Art - 70 - ASTM D 4434	PDS = 872
Flagon Silver Art - 70 - ASTM D 4434	PDS = 875



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D. Single Ply TPO Sheets For Adhered Systems:

Flagon TPO-45F-76 - ASTM D 6878	PDS = 804
Flagon TPO-45F-76 (HD) - ASTM D 6878	PDS = 805
Flagon TPO-45F-120 - ASTM D 6878	PDS = 806
Flagon TPO-45F-120 (HD) - ASTM D 6878	PDS = 807
Flagon TPO-60F-76 - ASTM D 6878	PDS = 813
Flagon TPO-60F-76 (HD) - ASTM D 6878	PDS = 814
Flagon TPO-60F-120 - ASTM D 6878	PDS = 815
Flagon TPO-60F-120 (HD) - ASTM D 6878	PDS = 816
Flagon TPO-80F-76 - ASTM D 6878	PDS = 823
Flagon TPO-80F-76 (HD) - ASTM D 6878	PDS = 824

E. Single Ply PVC Sheets For Adhered Systems:

Flagon PVC-45F-76 - ASTM D 4434	PDS = 833
Flagon PVC-60F-76 - ASTM D 4434	PDS = 838
Flagon PVC-80F-76 - ASTM D 4434	PDS = 843
Flagon Copper Art - 70F - ASTM D 4434	PDS = 873
Flagon Silver Art - 70F - ASTM D 4434	PDS = 877

4.02 - System Design

- A. The following are examples of using the above abbreviations and numbers to specify a selected design either in a project specification or the Soprema Project Registration Form.

IS-804-A - This is an insulated steel deck adhered system with a Flagon TPO-45F-76.

IS-811-M - This is an insulated steel deck mechanically fastened system with a Flagon TPO-60-78.

End of Section