

FLEX ROOF SYSTEMS **UNDERWRITERS LABORATORIES APPROVALS**

BALLASTED ROOF SYTEMS

CLASS A

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|-------------------------|---|-------------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | Glass Fiber, Polystyrene ,Perlite, Polyisocyanurate | 3 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | Glass Fiber, Polystyrene ,Perlite, Polyisocyanurate | 1/2 |

Notes:

1. Ballast to be applied over single ply membranes cover at a minimum rate of 1000 lbs. per 100 square feet.

ADHERED ROOF SYSTEMS

CLASS A

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|-------------------------|--|-------------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | Vapor Retarder, Any Approved Insulation Board, | 2 1/2 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | Polyisocyanurate, Polystyrene, 1/4" DensDeck Board | 3 1/2 |
| Flex TPO Cover | Non-Combustible | Any Approved Insulation Board, 1/2" gypsum board | 3 |
| Flex TPO Cover | Combustible | Any Approved Insulation Board, 1/4" DensDeck Board | Unlimited |

CLASS B

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|------------------|---|------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | Base Sheet, Any Approved Insulation Board | 1 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | ¼” DensDeck Board Any Approved Insulation Board | 3 |
| Flex TPO Cover | Non-Combustible | Any Approved Insulation Board | 3/4 |
| Flex TPO Cover | Combustible | ¼” DensDeck Board | 4 |

CLASS C

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|------------------|----------------------------------|------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | Any Approved Insulation Board | 1 1/2 |
| Flex TPO | Non- Combustible | ¼” DensDeck Board | 1/4 |
| Flex TPO | Combustible | ¼” DensDeck Board | Unlimited |

MECHANICALLY ATTACHED ROOF SYSTEMS

CLASS A

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|------------------|-------------------------------|------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | ½” Gypsum Board | 3 1/2 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | ¼” DensDeck | 3 1/2 |
| Flex TPO Cover | Non-Combustible | ¼” DensDeck | 3 |
| Flex TPO Cover | Combustible | ¼” DensDeck | Unlimited |

CLASS B

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|------------------|---|------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | Base Sheet, Any Approved Insulation Board | 1 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | Flex FR 50 Slip Sheet Any Approved Insulation Board | 1 1/2 |
| Flex TPO Cover | Combustible | Flex FR 50 Slip Sheet Any Approved Insulation Board | 1 |

CLASS C

| <u>Roof Cover</u> | <u>Deck Type</u> | <u>Insulation, Ply Sheets</u> | <u>Maximum Incline</u> |
|--|------------------|---|------------------------|
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Non-Combustible | Polystyrene Insulation Board, Glass Slip Sheet | 1 1/2 |
| Flex FB/MFR Elvaloy Flex FB/MFR PVC Covers | Combustible | Any Approved Insulation Board | 1 1/2 |
| Flex TPO Cover | Non-Combustible | Any Approved Insulation Board | Unlimited |
| Flex TPO Cover | Combustible | Any Approved Insulation Board | Unlimited |