Northern Illinois University

*NIU Construction Standards*

*Division 07 3000 through 07 7200– Roofing*

March 2014, Rev 00





















No torch down systems to be used.

Manufacturer’s warranty on all new roofs to be provided.

Contractor required to be trained in installation of product by manufacturer. Manufacturer inspection to be provided at completion of job.

Contractor to provide NIU a copy of Contractors Safety Program All joints in insulation board to be staggered.

Tapered insulation to be a minimum of ¼” per foot slope. Maximum of 6” height insulation

4’ x 4’ sumps to be provided around all drains.

All curbs shall be a minimum of 16 inches above the roof deck and minimum flashing height of 8” to be provided.

Two piece systems to be provided for edge metal, coping caps and gravel stops. Two forms of drainage to be provided on flat roofs(ex. Internal drains and overflow scuppers)

All roof penetrations shall be spaced a minimum of 36 inches from each other. Crickets to be provided on high side of all curbs and runners to prevent ponding. Face mounted cover flashing to be provided over all termination bars on walls.

Roof mounted HVAC equipment shall be a minimum of 36 inches above the membrane surface (i.e. ductwork)

Shingle roofs:















o o o o o

One layer of shingles only

No woven valleys – only metal or cut

Provide ice and water shield 3 feet on all eaves, valleys 30 lb felt underlayment to be used

Minimum 30 year shingles to be used



Slate roofs:

* Copper nails only for installation of slate
* 50 lb felt underlayment to be used
* All copper joints to be soldered together

Roofing Div 07 3000 through 07 7200 Page **1** of **1**