



**THERMastic 80 Built Up Replacement Scope of Work Mason High School**

**Roofs 1, 7, 8, 10, 11, 12, and 13**

1. Remove existing roofing and insulation down to structural deck.
2. Replace damaged decking on a cost unit basis.
3. Replace damaged wood nailers on a unit cost basis.
4. Mechanically attach first layer, and adhere subsequent layers of flat and tapered polyisocyanurate insulation systems (1/8") at R-20 average in Premium III asphalt at 30 lbs/sq.
  - a. Ensure insulation, crickets, and saddles do not allow any ponding.
5. Install 1/4" Tremboard AC adhered in Premium III asphalt at 30lbs/sq.
6. Install new 4 lb lead drain flashing with gravel stop and 4 lb lead flashing at all soil stacks.
7. Install Burmastic Comp Ply HT base sheet adhered in Premium III asphalt at a rate of 25lbs/sq.
8. Install 3 plies Thermglass Type IV felt with Premium III asphalt interply at rate of 25lbs per sq.
9. Install TRA Elastomeric flashings adhered in Thermastic 80 at rate of 30lbs/sq.
10. Bar terminate top of flashings and tie into existing metal roofing.
11. Strip-in Vertical laps with ELS and 6" BURmesh.
12. Apply Alumanation 301 at 2.5 gals per sq (40 wet mils) to all flashings and drains.
13. Install Thermastic 80 flood coat at 60 lb/ sq and gravel at rate of 400 lb/sq.
14. Install new metal pitch pockets with hoods. Fill with grout and Tremseal Pitch Pocket sealer.
15. Install new 24-gauge kynar coated steel/ aluminum counter flashings and flashings to match existing.
16. Install new 24-gauge kynar coated steel/ aluminum coping caps to match existing.
17. Provide manufacturer's 20-year Quality Assurance warranty that includes inspections during years 2, 5, 10 and 15. Inspections shall include online report of findings and recommended maintenance.
  - All prevailing wage requirements for the State of Michigan are to be met by the contractor.
  - Roofs 2 and 9 are to be installed via a THERMastic 80 system should the alternate bid be selected.

**TremPly KEE Roofing Replacement Scope of Work Mason High School**

**Roofs 14 and 15**

1. Remove existing roofing and insulation down to structural deck.
2. Replace damaged wood nailers on a unit cost basis.
3. Adhere BURmastic Composite Ply base sheet in Premium III asphalt at 30 lbs/ sq to concrete decking.
4. Adhere layers of polyisocyanurate insulation systems (1/8") at R-20 average in Premium III asphalt at 30 lbs/ sq.
  - a. Ensure insulation, crickets, and saddles do not allow any ponding.
5. Adhere one layer of 1/4" DensDeck in in Premium III asphalt at 30 lbs/ sq.
6. Adhere TremPly KEE 60 mil fleece back in Thermastic 80 at 30lbs/sq.
7. Install new 24-gauge kynar coated aluminum edge metal.



8. Install new 24-gage kynar coated aluminum conductor heads and downspouts.
9. Provide manufacturer's 20-year quality assurance warranty that includes inspections during years 2, 5, 10, and 15. Inspections shall include online report of findings and recommended maintenance.
  - All prevailing wage requirements for the State of Michigan are to be met by the contractor.