

## MIRACOTE MIRAFLEX II CHECK LIST

Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

Project Address: \_\_\_\_\_

List Completed By: \_\_\_\_\_

**Substrate questions if the surface is plywood:**

- |   |     |    |
|---|-----|----|
| Is it 5/8" minimum exterior grade ("A" side exposed) Tongue and Groove?   | Yes | No |
| Is it fastened using either screw nails, ringshank nails or deck screws, and are they evenly spaced 6" on center? | Yes | No |
| Is there blocking at all edges?   | Yes | No |
| Is the moisture content 7% or lower?  | Yes | No |

**Substrate questions if the surface is lightweight concrete:**

- |  |     |    |
|--|-----|----|
| Has it cured at least 28 days?   | Yes | No |
| Does it meet or exceed 2,200 PSI in compression strength?  | Yes | No |
| Is it absent of lightweight aggregates such as Vermiculite or Perlite?                                 | Yes | No |
| Is the moisture content centered below 7%?   | Yes | No |
| If present have all curing, hardening agents, sealers or any other form of bond breakers been removed? | Yes | No |
| If concrete is on a deck pan, is it properly ventilated?   | Yes | No |

**Surface preparation questions:**

- |   |     |    |
|---|-----|----|
| Is surface properly pitched for drainage?           | Yes | No |
| Are all surface irregularities smoothed and filled? | Yes | No |
| Are all fasteners flush or slightly counter sunk?   | Yes | No |
| Are all closed soffits areas under deck ventilated? | Yes | No |

**Flashing and sheet metal questions:**

- |   |     |    |
|---|-----|----|
| Does the flashing have at least a 3" minimum bottom flange?                         | Yes | No |
| Is the flashing properly lapped a minimum 3", with caulking under the lap?          | Yes | No |
| Is the flashing nailed 4" on center staggered, with no fish mouths?                 | Yes | No |
| Is the flashing minimum (# 26 gauge bonderized), clean and degreased?               | Yes | No |
| Do all door and sliders have 'Z' pan flashing?                                      | Yes | No |
| If diato is used, are all inside, outside and end terminations soldered and sealed? | Yes | No |
| Is building paper or sheet goods lapped properly over deck flashing?                | Yes | No |
| Are all door and slider thresholds removed for proper waterproofing application?    | Yes | No |

**Drain, Joint and deck penetration questions:**

- |  |     |    |
|--|-----|----|
| Is the drain a Thunderbird or approved equal?  | Yes | No |
| Is the drain flange top flush with deck surface, and is it securely and properly fastened?   | Yes | No |
| Do all pipe penetrations and rail posts have flanges or flanged sleeves?   | Yes | No |
| Are all control joints filled?   | Yes | No |
| If there are any seismic or expansion joints, do they have proper bond flanges, and do they have a wear nosing at the termination? | Yes | No |

**General questions:**

- |   |     |    |
|---|-----|----|
| Have all parties who are installing the Miraflex II read and understood our standard application specification sheets No. 120-2, No. 285, MIR-900HESP, and selected RM Application documents? | Yes | No |
| Have all parties installing the Miraflex II had adequate training?  | Yes | No |
| Is the project free of any visible installation safety risks?   | Yes | No |

**Caution:**

*This checklist is prepared to assist you in determining the condition and required preparation needed prior to starting a Miracote Miraflex II application. This list is intended to serve as a guide to draw attention to many of the more common problems found in improper installations. This list of questions is not intended to serve as the only criteria for determining the acceptability of site condition. Trained experienced personnel are important, as a person must be able to determine if a particular site condition application is standard, or if a Crossfield Products Technical staff should be consulted prior to proceeding. In the event any of the above listed criteria can not be confirmed with a "Yes" advise and consult the designated design professional or principle architect for that project. Do not proceed until all discrepancies are reviewed and approved by the responsible design professional.*