

SUBSTRATE CHECKLIST

CONCRETE



- Ensure concrete substrate has been allowed to fully cure - at least 28 days from pour.
- If the concrete is less than 28 days old and a concrete surface sealer has been used or a rapid curing compound, you must identify the product and verify correct curing has taken place prior to laying.
- Relative humidity of concrete substrates must be 75% or less or a maximum of 5% moisture content before application. (This can be verified with the use of a hygrometer). Allco recommends the use of Allco Substrate Primer Sealer.
- Fill hollows or holes with a cement plaster, or FLC.
- Surface to be smooth, clean, dry and free of debris or release agents.
- Substrate Venting installed as required for cold roof systems. Contact your Allco Representative if a venting specification has not been provided.

Cavity ventilation is **not** required for a Warm Roof system which meets or exceeds the minimum R value requirements.

- Use minimum 50mm bond-breaker tapes over expansion joints - not required for JM TPO
- Minimum 20mm triangular fillets at the base of upstands - not required for JM TPO
- All drains and outlets are membrane compatible. Confirm with Allco representative if required.
- Minimum fall for Roofs and Decks* 0.8° (1:80 or 12.5mm/mt) and Internal gutters 0.5° (1:100 or 10mm/mt)

*Minimum finished falls of 0.8 (1:80) must allow for construction tolerances, deflection, building settlement and with no back fall.

NOTES

- Cover the substrate to keep it dry, ensuring the waterproofing membrane can be installed when needed.
- Communicate early with your Allco Approved Applicator or your Allco Representative the project scheduling to ensure weather exposure is kept to a minimum.
- Please ensure you have clearly ordered the correct membrane, colour and thickness for your project.
- Correct substrate installation is critical to the durability and performance of the membrane. Failure to strictly comply with substrate specification may affect the product warranty.
- All construction should comply with the New Zealand Building Code. Contact your local council for further details.
- Communication between the Applicator and Construction Company will assist to ensure this specification is met

If you have a query regarding this substrate checklist, please contact Allco.