The Quality Pathway - Defect Avoidance

Grouting & Drypack



To facilitate this ambition of getting the quality right, these checks should take place:

- ➤ Has the steel frame been lined, levelled and approved?
- Ensure wedges (not shims) are removed from any base before grouting
- Mix all grouts mechanically using manufacturer' recommendations
- Use the gauge box / bucket for all cement / sand grouts
- > Is there a minimum dimension under the base plate?
- > Ensure manufacturers' water content is not exceeded
- > Grout baseplates by shuttering tight along the two longer sides and then grouting from one end only. Ensure base is pre-wetted
- ➤ Is there a requirement for cubes (normally 50mm)?
- > Drypack is generally 1:2 or 1:3 cement / sharp sand
- > Ensure drypack should generally be rammed (used Kango if possible) into place to achieve it's strength
- > Ensure that only base concrete is at least 48 (preferably 72) hours old before drypacking above (e.g. underpinning etc).
- > If temporary jacks are used to support structure, agree strength of drypack required before releasing load, or consider an epoxy grout

