

SERIES 1, ISSUE 9 – YARDING AND DUNNAGE

The use of dunnage and related storage practices are important to precast concrete. Proper dunnage and yard storage are needed to ensure the quality of precast concrete members. Failure to store products properly can lead to damage or can cause considerable amounts of field repairs. A proper storage plan and dunnage method are necessary to help maintain quality requirements.

Common Issues

- Improperly placed dunnage
- Using the wrong size dunnage
- Precast concrete member stacked incorrectly; dunnage not aligned
- Unlevel or soft ground for storage
- Lack of space
- Dirty dunnage, sap leaking, staining by water runoff from dunnage
- Cracks from poor-quality dunnage



Uneven stacking; dunnage not aligned



Misaligned stacking, tilted stack, and soft ground

Best Practices

- Two dunnage points, unless more are required by design
- Level bearing
- Clean dunnage, non-transfer dunnage materials (i.e. - products that do not leave marks on precast members)
- Adequate storage space
- Flat ground that is paved or graveled
- Grading the yard as required due to traffic or weather conditions
- Quality yard checks for compliance, conducted by Quality Systems Management Team

PCI Plant Quality Talk Quality Enhancement Committee



NPCA
National Precast Concrete Association



PCI
Precast/Prestressed
Concrete Institute

Note: Please complete this form and return to the Quality Control Manager. All crew members should be observant and report to their foreman anything out of the ordinary on a project. *See something, say something.*

NOTES	ATTENDEE SIGNATURES
DATE	
PRESENTER	