

### Where wear bites in construction

A construction site mixes two very different steel duties. The **wear duty** sits on the equipment that handles aggregate, concrete and demolition material - batching plants, concrete pumps, transit mixers, screen plants, dump trucks, demolition jaws - and demands abrasion-resistant plate. The **high-strength duty** sits on the steel that carries the loads - tower cranes, mobile-crane booms, telehandlers, formwork beams and lifting attachments - and demands high-yield Q&T plate (S690QL and up) so designers can take weight out of the structure while keeping safety margins. Tradepass supplies both ends of the duty range from the same warehouse.

### Components where AR plate and S690QL go

In construction equipment and site plants, Tradepass supplies:

- Concrete batching plants - aggregate-bin liners, weigh-hopper chutes, mixer-discharge funnels, twin-shaft mixer wall liners and paddles.
- Concrete pumps - hopper liners, pumping-cylinder wear plates, S-tube wear rings, distribution-valve faces.
- Transit-mixer drums - interior drum liners and feed-cone wear plates.
- Demolition attachments - pulveriser jaws, shear blades, grapple tines, hydraulic-breaker chisel guides.
- Tower-crane mast sections and slewing structures (S690QL - lighter at the same safety factor).
- Mobile-crane booms, outrigger pads and counterweight frames (S690QL).
- Telehandler boom sections and lifting attachments.
- Site dumpers, mini-excavator buckets and dump-truck body liners.
- Steel formwork systems, concrete-pump pipeline supports and lifting beams.

Plates are cut to size, bevel-prepared and formed where the part needs it, supplied with **mill test certificate** showing heat number, chemistry and mechanicals - traceable from the mill to your shop floor.

### Grade recommendations from the Tradepass stock range

Where it goes	Recommended grade	Tradepass stock
Light wear: formwork wear strips, site-dumper liners	AR200	5-25 mm, both warehouses
General wear: aggregate bins, transit-mixer drums, batching-plant chutes, mixer paddles	AR400	2-100 mm, both warehouses
Heavy wear: concrete-pump hopper liners, demolition grapple wear faces	AR500	3-80 mm, both warehouses
Extreme abrasion: concrete-pump S-tube wear rings, distribution-valve faces, demolition shear edges	AR600	5-16 mm, both warehouses
Structural - crane booms, mast sections, lifting beams, telehandler arms	S690QL (690 MPa yield)	8-50 mm, both warehouses

### Why Tradepass

Mill-direct import from leading Indian and global mills - Tata Steel, AMNS India, Jindal Steel (JSPL), Baosteel, Shougang. Both Kalamboli and Faridabad warehouses carry the full AR range plus S690QL high-strength plate. WhatsApp us the application - concrete equipment, demolition, lifting structure - and the load and wear story; we recommend a grade, thickness and cut size, usually within the hour during working hours.