

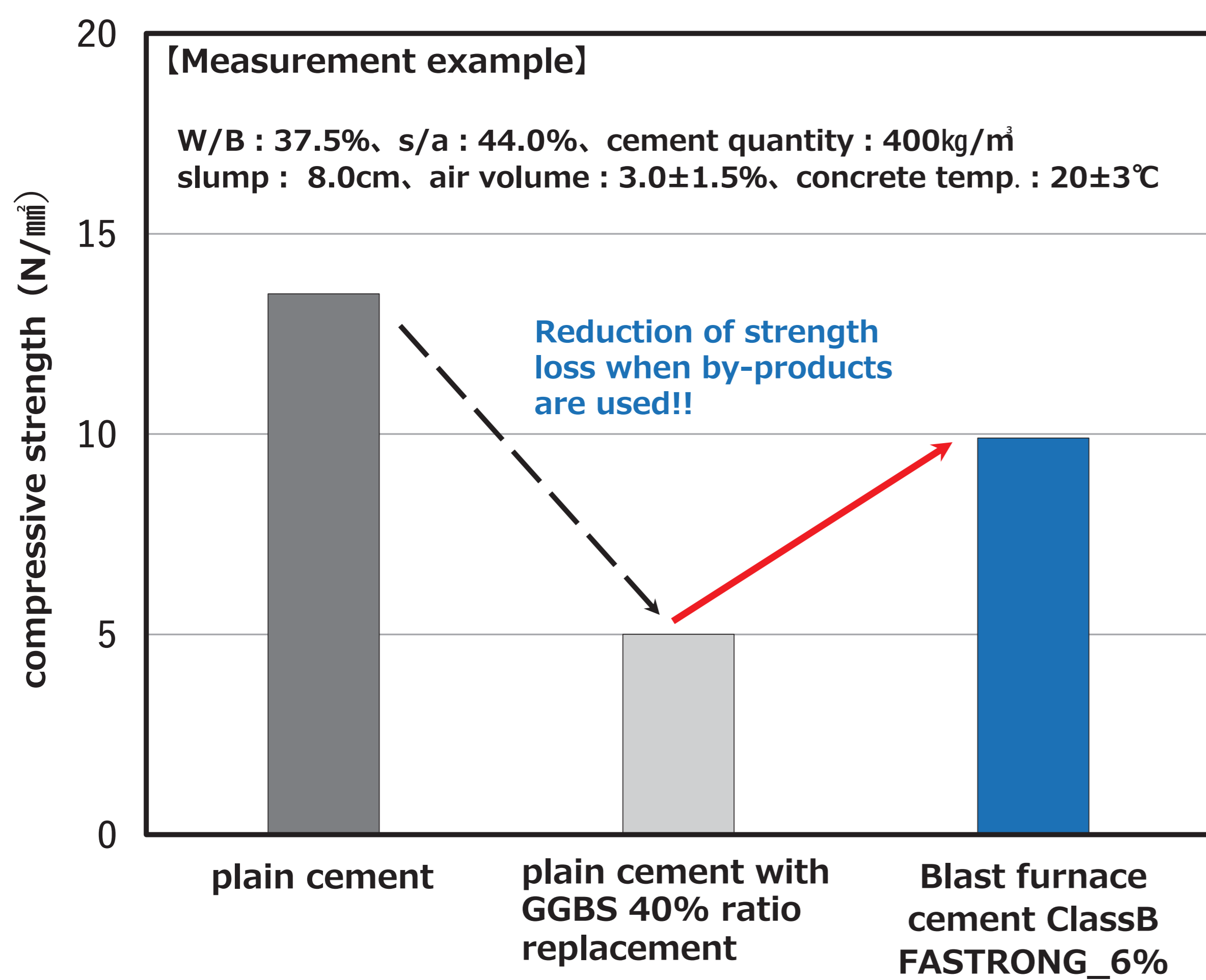
DENKA FASTRONG

DENKA FASTRONG is a early-strengthening additive for precast concrete that promotes the formation of ettringite and hydration of Portland cement to enhance early strength. This cement additives is particularly effective in improving the strength of concrete products that use by-products such as blast furnace slag(GGBS), fly ash, etc.



1. Early Strength Enhancement

Improves early strength when blast furnace slag and other by-products are used, and suppresses strength loss during demolding.



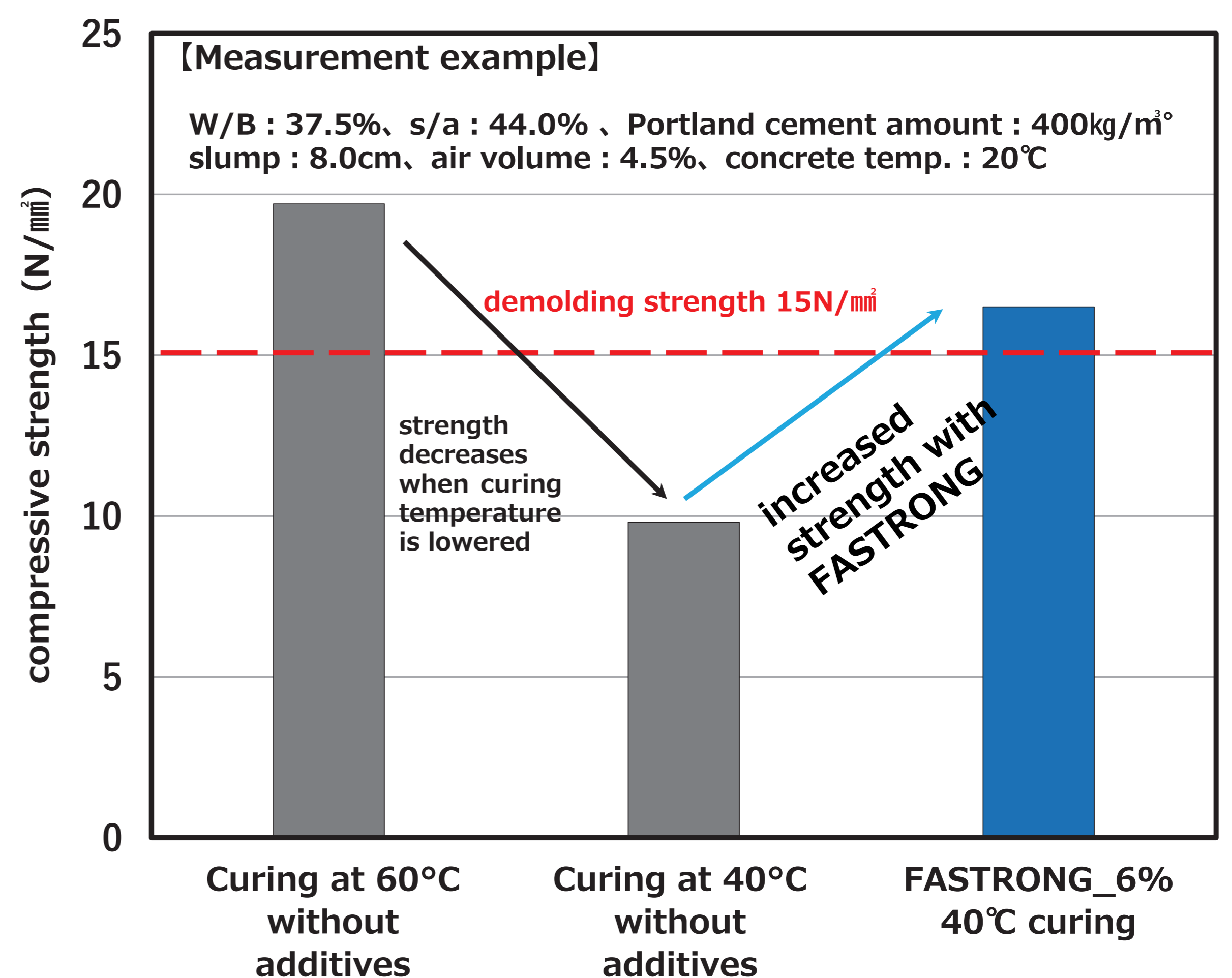
Strength enhancement effect of different cement type

[Steam curing conditions]

- Pre-curing : 20°C × 1.5hr
- Temperature rise : 20°C / hr
- Holding time : 50°C × 3hr

2. Reducing Environmental Impact

The early-strength enhancement effect can suppress steam curing temperatures during production, contributing to a reduction in environmental impact.



Strength enhancement effect at different curing temperatures

[Steam curing conditions]

- Pre-curing : 20°C × 1.5hr
- Temperature rise : 20°C / hr
- Holding time : 60°C × 3hr
40°C × 4hr