

# Protecto-Coat 500<sup>®</sup>

## Durable, flexible waffle slab protection

Waffle slab decking is common in technology manufacturing or cleanroom facilities where minimizing vibration is essential to maintaining sensitive processes undisturbed. Protecto-Coat 500, an elastomeric polyurethane hybrid, protects waffle slab substrates against wear from constant traffic and flexes with thermal expansion and contraction of concrete.

### Smooth aesthetic finish

Protecto-Coat 500 cures to a smooth, aesthetically-pleasing finish. It's a flexible protective coating that's easy to clean and maintain.

### Ideal for cleanrooms

Protecto-Coat 500 protects installers and the environment with its zero-VOC formula. Additionally, very low post-cure outgassing helps maintain air purity and avoid contamination of cleanroom spaces.

### Easy to cut, hard to tear

Protecto-Coat 500 cuts easily with a sharp knife post-cure to facilitate design changes after installation to lessen the impact on process manufacturing. But its durable film resists tearing and withstands abuse from frequent floor traffic.



### Product Performance Details

Test	Results	Why It Matters
Elongation ASTM D412	100%	More flexible than concrete
Flexibility ASTM D522 (Mandrel Bend)	Passes	More flexible than concrete
VOCs	0 g/l	Safe to install & environmentally friendly
Outgassing compounds	<0.1	Low cured emissions ideal for cleanrooms
Tear Strength ASTM D624, Die C	374 pli	Excellent resistance to tearing
Hardness Shore D	62	Cuts readily for easier design modifications

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