



Five Star® Highway Patch

Fast Setting Pavement Repair Material for Traffic Areas

RESIMAX PTY.LTD.

► Five Star Products

Page 1 of 2

► Description



Five Star Highway Patch is a 1 component, high early strength, permanent cementitious material ideal for horizontal repairs & overlays for concrete in traffic areas where repair time is limited.

► Key Benefits

- 1 component ease of use
- High early strength
- Trafficable in 2 hours
- Good bond strength
- Non-shrink
- Durable
- Hot & cold weather installation
- Hot weather set extension using Summerset®
- Coarse aggregate extension
- Freeze / thaw resistant
- Excellent protection of steel from corrosion

► Typical Applications

- Highways, bridges & pavements
- Parking decks & ramps
- Airport runways & taxiways
- Dowel bar retrofitting
- Control joint rebuilding
- Hot & cold weather repairs

► Technical Data

Typical Properties at 21°C	
Compressive Strength ASTM C 109	
2 hours	30.0MPa
3 hours	33.9MPa
1 day	43.2MPa
7 days	48.3MPa
Bond Strength ASTM C 882	
1 day	10.4MPa
7 days	13.8MPa
Length Change ASTM C 157	
28 days Wet	0.05%
28 days Dry	-0.05%
Freeze / Thaw Resistance ASTM C 666A	
Relative Durability Factor	90%
Flexural Strength ASTM C 78	
3 hours	> 2.8MPa
Chloride Ion Permeability ASTM C 1202	
28 days	Very low (<1000 Coulombs)
Working time at 21°C	
10 minutes	

The data shown above reflects typical results based on laboratory testing under controlled conditions without aggregate extension. Reasonable variations from the data shown above may occur. Test methods are modified where applicable

► Packaging & Yield

Five Star Highway Patch is packaged in heavy-duty polyethylene lined bags each weighing 20kg & yielding approximately 0.01m³ (10 litres). Higher yields will be achieved with coarse aggregate extension.

► Shelf Life & Storage

1 year in original unopened packaging when stored in dry conditions; high relative humidity will reduce shelf life.

www.taminternational.com

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local TAM office to confirm that this is current issue. Highway Patch-V1AU-10