

STACKER/RECLAIMER COATING PROCEDURE

STOPAQ CZH WRAPPINGBAND
STOPAQ CZH PASTE

SYSTEM DESCRIPTION

STOPAQ® CZH Wrappingband is a truly surface tolerant, non-crystalline, fully amorphous and impervious corrosion protection coating.

Requiring only a hand prepared surface, STOPAQ provides the most cost effective long term coating solution, resulting in a reduction in total maintenance costs over the life of the asset.

SYSTEM SPECIFICATION

PRODUCTS

STOPAQ® CZH Wrappingband
STOPAQ® CZH Paste

SURFACE PREPARATION

Surface shall be prepared in accordance with St2/St3 (ISO 8504-3)

TEMPERATURES

Service: -45°C to +70°C
Short Term Max: +90°C

TOTAL THICKNESS

1.8-2mm

SELF HEALING TEST

Artificial defect Ø 6mm:
@ -45°C: No Holidays (<3 months)
@ +23°C: No Holidays (<24hrs)

IMPACT RESISTANCE

Tested at 15J: No Holidays

INDENTATION RESISTANCE

Tested at 10N/mm²
Residual Thickness ≥6mm

CATHODIC DISBONDMENT RESISTANCE

Tested @ +23°C and @ +70°C
0mm Disbondment. No Holidays

STOPAQ relies on the molecular adhesion to metallic and non-metallic substrates with minimal surface preparation conforming to St2 or St3. Clean, dry, intact substrate with no mechanical profile should be sufficient to achieve full adhesion. No surface profile, adhesion promoters (primers) or mechanical assistance is required to provide the corrosion protection, unlike conventional coatings and greasy tape wraps.

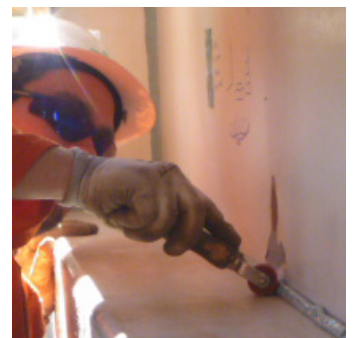
STOPAQ is 100% environmentally-friendly and easy to apply with minimal waste, making it far safer, quicker and cheaper to install with no interruptions to the Asset Owner's daily operational work flow.

APPLICATION PROCEDURE

- 1 Surface preparation to be completed in accordance with ISO 8504-3 to St2/St3. Surface cleanliness to be verified achieving a 'Pass' using a STOPAQ® Pre Qualification Test (PQT) as defined in Chapter 2 of the STOPAQ® Application Manual. Extend the surface preparation well beyond the termination of the application to prevent contamination.



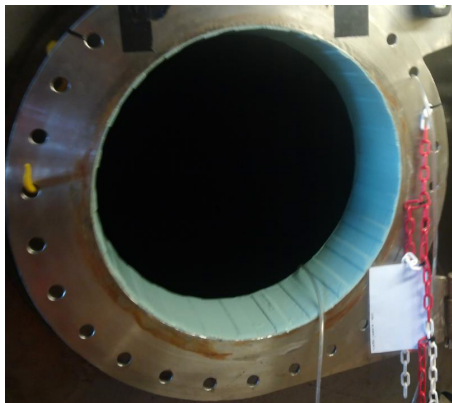
- 2 CZH Paste to be used to profile any corners <30 deg. to smooth out the configuration and welds for the future application of the Wrappingband. A longitudinal strip of CZH Wrappingband may then be placed over any smooth welds to prevent tenting of the material or possible air inclusions.



APPLICATION PROCEDURE

- Once all welds and corners have been profiled with CZH Paste, apply the CZH Wrappingband in longitudinal pre cut strips. The Wrappingband shall be applied without tension, ensuring no air inclusions.
- Repeat consecutive longitudinal strips of CZH Wrappingband with a minimum 10mm side by side overlap.
- When joining longitudinal strips of CZH Wrappingband, 50mm overlap shall be used to allow for expansion over the length of the material.
- Siliconised rubber rollers may be used, although gentle hand massage is preferred to ensure the material is well adhered to the underlying substrate and any STOPAQ material at overlaps, and wherever possible all overlaps should be applied with consideration to water shedding.
- When applying the Wrappingband into a corner interface ensure the material is pressed firmly into the underlying Paste to ensure tenting doesn't occur.
- When applying CZH Wrappingband material to round areas or penetrations, increased overlap may be required to ensure no less than 10mm is achieved at all times.

Final complete close visual inspection to ensure minimum mandatory overlaps have been achieved and all seams are hand massaged to ensure suitable adhesion. Where permissible, holiday testing to 15kv may be used to verify coating integrity.



ADDITIONAL DOCUMENTATION

PDS-STOPAQ®-Wrappingband-CZH-V11-EN

PDS-Stopaq-Paste-CZH-V6-EN

2021 STOPAQ® Application Manual - Australia & New Zealand



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and anti corrosion solutions