



Protective & Marine Coatings
Europe, Middle East, Africa & India

Valve/pipe coatings
for mechanical packages and bulk items

Temperature range from
-196°C to 650°C

Protection for mechanical packages resistance to heat and corrosion

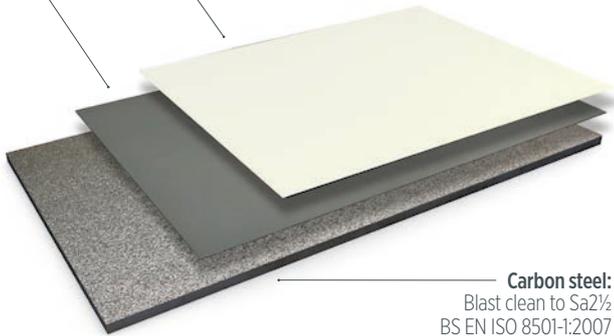


- Product range covering all types of service conditions.
- Optimised anti-corrosion and heat resistance for wet/dry cyclic temperatures.
- Industry leading technology to combat against corrosion under insulation (CUI).
- Extensive track record and project reference.
- Insulated area protection conforming to NACE SP0198-2017.

Temp range upto 250°C, (safety finish colours)

Uninsulated inorganic zinc silicate/silicone

Zinc Clad II EU | Heat-Flex M505



Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007

Temp range upto 232°C

Insulated phenolic epoxy novolac/phenolic epoxy novolac

Epo-Phen FF | Epo-Phen FF

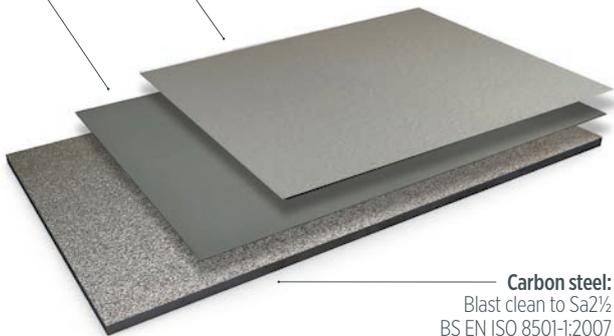


Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007
Or stainless steel

Temp range upto 400°C (aluminium finish)

Uninsulated inorganic zinc silicate/silicone aluminium

Zinc Clad II EU | Heat-Flex M505

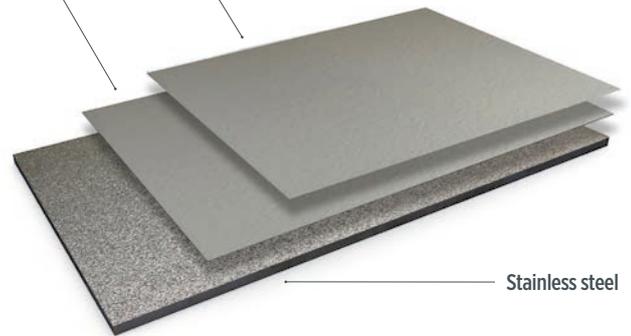


Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007

Temp range upto 600°C (aluminium finish)

Insulated silicone aluminium/silicone aluminium

Heat-Flex M505 | Heat-Flex M505

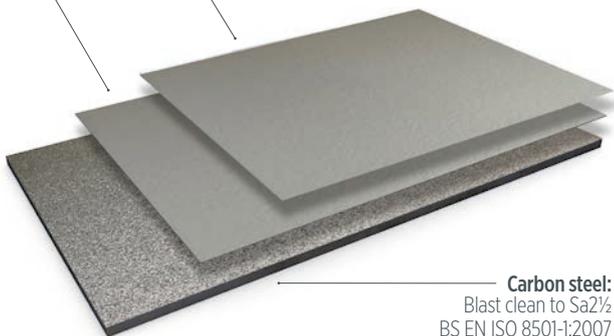


Stainless steel

Temp range 400°C to 600°C

Uninsulated silicone aluminium/silicone aluminium

Heat-Flex M505 | Heat-Flex M505

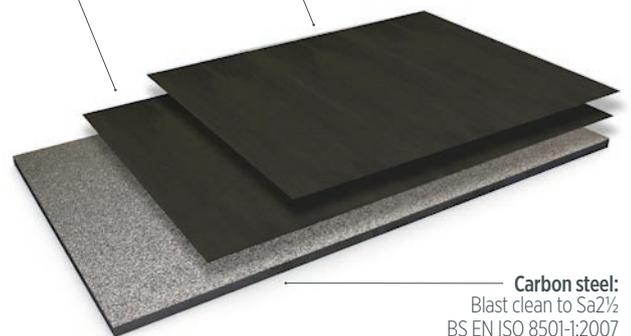


Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007
Or stainless steel upto 600°C

Temp range upto 650°C (grey or dark grey finish)

Insulated inert multipolymeric matrix/inert multipolymeric matrix

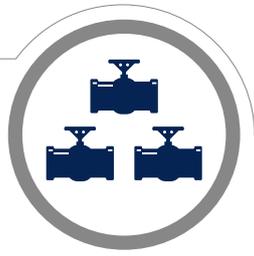
Heat-Flex Hi-Temp 1200 | Heat-Flex Hi-Temp 1200



Carbon steel:
Blast clean to Sa2½
BS EN ISO 8501-1:2007
Or stainless steel

Bulk items valves and pipes

Temperature range from
-196°C to 650°C



Heat-Flex™ Hi-Temp 1200

Differentiate the quality of your valves and pipes from others.

Peace of mind for atmospherically exposed and insulated valves/pipes.

Ask your paint supplier for their ISO12944-6 C5M certification and NACE SP0198-2017 conformance.

Universal

Technology: single component inert multi-polymeric matrix.

Application: shop or field.

Substrate: carbon, low alloy or stainless steel.

Temperature: from -196°C to 650°C.

Service: insulated or uninsulated.

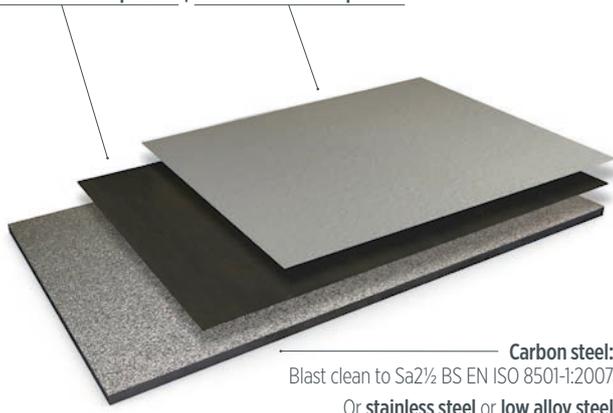
Environment: ISO12944-2 C3, C4, C5 and CX.

Value proposition

- Negates costly and labour intensive on-site surface preparation and paint application.
- Saves engineering and construction man-hours and delivers cost efficiency for projects.
- Simplifies engineering specifications and on-site installations.
- Promotes faster fabrication throughput and minimises paint wastage.
- Supports asset owner and EPC mechanical guarantee considerations:
 - ISO12944 C5M, corrosion creep <0.5mm.
 - ISO 12944 CX, corrosion creep <3mm.
 - ISO 20340 Annex A, corrosion creep <3mm.

System (grey, dark grey or aluminium* finish)

Heat-Flex Hi-Temp 1200 | Heat-Flex Hi-Temp 1200



Carbon steel:
Blast clean to Sa2½ BS EN ISO 8501-1:2007
Or stainless steel or low alloy steel

* Contact your Sherwin-Williams representative for local availability.

Innovation is a key guiding value of our business



Sherwin-Williams has been the leading innovator in the field of high temperature and under insulation protective coatings materials. We pioneered the use of a new breed of inert multipolymeric matrix materials for corrosion under insulation (CUI) control ten years ago. This leadership has now entered a new phase after the successful launch of the second generation of this technology (Heat-Flex™ Hi-Temp 1200). Through this innovative technology, we are now able to deliver not only corrosion protection under insulation but also atmospheric anti-corrosion at ambient temperatures without the need of an anti-corrosive inorganic zinc silicate primer.

As oil and gas processes get complicated by demanding service conditions and temperatures, the need for simplified engineering solutions which address the protection requirements of different surfaces becomes vital. This requires the ability to deliver technologically robust and versatile coating solutions which contribute to total cost efficiency of EPC contract packages.

The Sherwin-Williams difference

By putting our customers first, we know that the innovation, imagination, research and development we put into each and every product will be worth it. You are at the centre of our thinking wherever we operate around the world, across five continents. Whether it is advice, specification or on-site inspection, you are the reason we exist.

This is the Sherwin-Williams difference.



To learn more, contact us

Europe, Middle East, Africa & India: +44 (0)1204 521771

North America: +1 800 524 5979

Asia: +8 621 5158 7798

sales.uk@sherwin.com

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Protective & Marine Coatings

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