

Appendix 3A

CHP Colour Study

Prepared for: Kronospan

December 2025

DNS5-4-008

1.0 INTRODUCTION

- 1.1.1 To examine the potential implications of different cladding colours on the proposed CHP Building, a Colour Study has been undertaken.
- 1.1.2 The baseline for the study is the pale Goosewing Grey coloured cladding (RAL 080 70 05) utilised across the majority of existing structures at the Kronospan Facility.
- 1.1.3 The Colour Study examines the potential for a reduction in the visual effects of the Proposed Development that might be achieved by substituting the Goosewing Grey cladding with alternate colours as follows:
- i) Quartz Grey (RAL 080 50 20).
 - ii) Camouflage Green (RAL 110 50 10).
 - iii) Olive Green (RAL 100 30 20).
 - iv) Colour banding, running from a dark green at the bottom of the building to Goosewing Grey at the top of the building (the approach taken reflects similar cladding on the existing Encirc Glass building at Ince, Cheshire).
 - v) Light Grey (RAL 7035).
- 1.1.4 The colour options were applied to the CHP building from four of the LVIA Viewpoints (refer to **ES Chapter 7.0 Landscape and Visual Impact Assessment** for further details regarding viewpoints). The viewpoints were selected to reflect views from more sensitive locations at different directions from the Kronospan site, and are as follows:
- i) Viewpoint A, located at Chirk Recreation Ground in the centre of town.
 - ii) Viewpoint B, located along the Offa's Dyke Path National Trail, and within the Clwydian Range and Dee Valley National Landscape.

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- iii) Viewpoint C, located along the B5070 at the northern edge of Chirk.
 - iv) Viewpoint M, located along the towpath of the Llangollen Canal.
- 1.1.5 The appearance of the Proposed Development from each Viewpoint, based upon Goosewing Grey cladding and each of the four alternative cladding options set out above, is shown on the illustrative photomontages presented on **Figures 1-4**.
- 1.1.6 The first five panes on **Figures 1-4** show the proposed stack in Goosewing Grey. It is considered that showing the stack in the same colours as the building cladding on these images is unrealistic and would increase the visual effects of the stack.
- 1.1.7 The sixth image shows the stack in Light Grey to accord with the building cladding colour on that image.
- 1.1.8 Other structures forming part of the Proposed Development (including the proposed silos) are shown on each pane retained in their original material, which varies from structures to structure and includes Goosewing Grey cladding, exposed metal and exposed concrete.



2.0 OUTCOMES

- 2.1.1 The illustrative photomontages demonstrate that the baseline Goosewing Grey cladding renders the proposed CHP building consistent with the existing structures at Kronospan.
- 2.1.2 The alternative cladding options do not typically provide any reduction in the visibility of the Proposed Development from any of the Viewpoints. In the majority of instances, the proposed CHP Building is partially screened by other structures, which are clad in Goosewing Grey. Thus, the proposed CHP Building is not especially prominent, and the alternative cladding colours have no real influence upon its appearance.
- 2.1.3 From Viewpoint A, the Camouflage Green cladding does result in the proposed CHP Building appearing more recessive than the baseline Goosewing Grey cladding. Other cladding options do not appreciably reduce the visual impact of the proposed CHP Building from this Viewpoint (notwithstanding any limited changes in its appearance – the building would not appear less prominent).
- 2.1.4 In reality, the degree of integration or contrast will depend on the light conditions at any given time, reflecting the weather, the time of day and the time of year. This will influence the perceived colour of the proposed CHP Building as seen by people in the surrounding area. It is likely that there would be periods when an alternative shade such as Camouflage Green would be more visible, or contrast more against its surroundings than Goosewing Grey would.



3.0 CONCLUSION

- 3.1.1 Following an examination of potential alternative cladding colour options, it is considered that the baseline Goosewing Grey cladding remains the most appropriate colour for the proposed CHP building. Goosewing Grey would provide the least contrast with existing structures at Kronospan, and thus the proposed CHP Building would look the least distinct if this colour cladding is utilised. Whilst use of Camouflage Green cladding may result in the proposed CHP Building appearing more recessive from Chirk Recreation Ground due to it being backgrounded by the hills behind, in reality, this would vary depending upon light conditions and could also result in increased adverse visual effects at some times.





Goosewing Grey



Quartz Grey



Camouflage Green



Olive Green



Colour Banding



Light Grey

Goosewing Grey: RAL 080 70 05

Quartz Grey: RAL 080 50 20

Camouflage Green: RAL 110 50 10

Olive Green: RAL 100 30 20

Colour banding: runs from a dark green (at the bottom) to Goosewing Grey (at the top), and reflects similar cladding on the Encirc Glass building at Ince, Cheshire)

Light Grey: RAL 7035

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Project

Kronospan Low Carbon Combined Heat and Power Facility

Figure Number

Appendix 3A: Figure 1

Figure Title

Viewpoint A

Scale

N/a

Date

November 2025



Goosewing Grey: RAL 080 70 05

Quartz Grey: RAL 080 50 20

Camouflage Green: RAL 110 50 10

Olive Green: RAL 100 30 20

Colour banding: runs from a dark green (at the bottom) to Goosewing Grey (at the top), and reflects similar cladding on the Encirc Glass building at Ince, Cheshire)

Light Grey: RAL 7035

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**Kronospan Low Carbon Combined
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Figure Number

Appendix 3A: Figure 2

Figure Title

Viewpoint B

Scale

N/a

Date

November 2025



Goosewing Grey



Quartz Grey



Camouflage Green



Olive Green



Colour Banding



Light Grey

Goosewing Grey: RAL 080 70 05

Quartz Grey: RAL 080 50 20

Camouflage Green: RAL 110 50 10

Olive Green: RAL 100 30 20

Colour banding: runs from a dark green (at the bottom) to Goosewing Grey (at the top), and reflects similar cladding on the Encirc Glass building at Ince, Cheshire)

Light Grey: RAL 7035

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Figure Number

Appendix 3A: Figure 3

Figure Title

Viewpoint C

Scale

N/a

Date

November 2025



Goosewing Grey



Quartz Grey



Camouflage Green



Olive Green



Colour Banding



Light Grey

Goosewing Grey: RAL 080 70 05

Quartz Grey: RAL 080 50 20

Camouflage Green: RAL 110 50 10

Olive Green: RAL 100 30 20

Colour banding: runs from a dark green (at the bottom) to Goosewing Grey (at the top), and reflects similar cladding on the Encirc Glass building at Ince, Cheshire)

Light Grey: RAL 7035

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Figure Number

Appendix 3A: Figure 4

Figure Title

Viewpoint M

Scale

N/a

Date

November 2025