



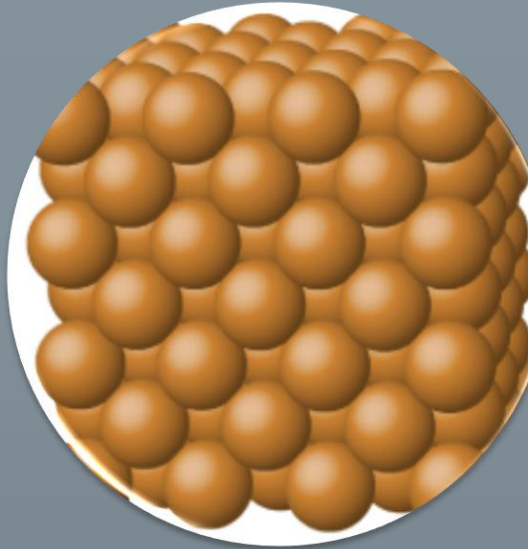
VISCOLAM PS 170 AIR

VOC free and solvent free, highly effective mid-shear thickener



Viscolam PS 170 AIR: Main specs

Despite its high solid content Viscolam PS 170 AIR, has a low viscosity. The product is VOC and SVOC free and does not contain any solvent.



**Solid
content
50%**



**Viscosity
5000 ca**

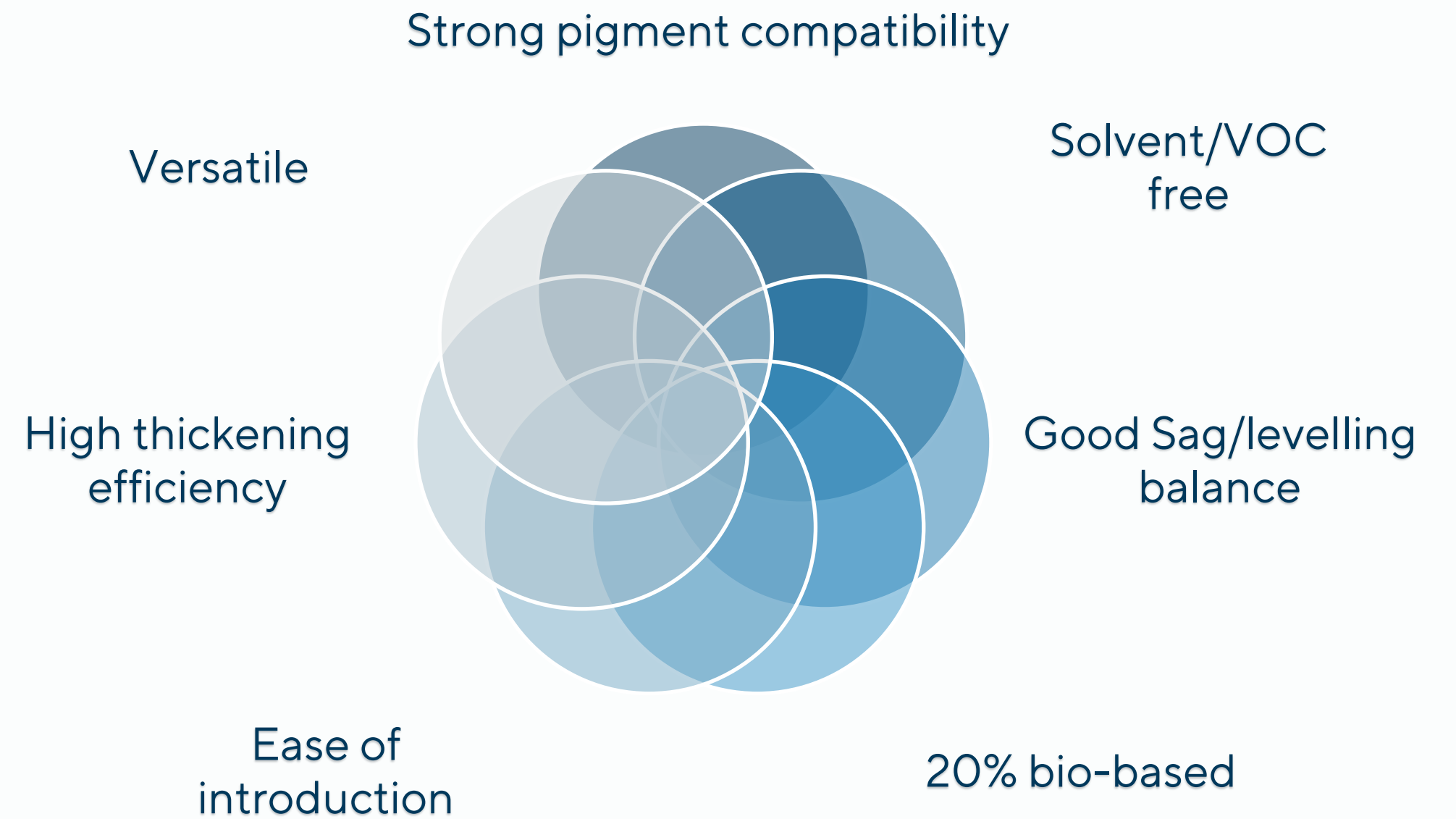


**Solvent
free VOC
free**





Viscolam[®] PS 170 AIR



Viscolam PS 170 AIR: test systems

Performance has been evaluated in 3 different formulations.

In all tests, the same medium shear viscosity has been set as a target: 100 KU Stormer Viscosity

The main properties of each latex are listed in the boxes

1 PVC 20 Enamel paint

Pure Acrylic

- High gloss
- Enamel paints for wood, metal and walls
- APEO free; no plasticizers

2 PVC 60 paint

Styrene acylic

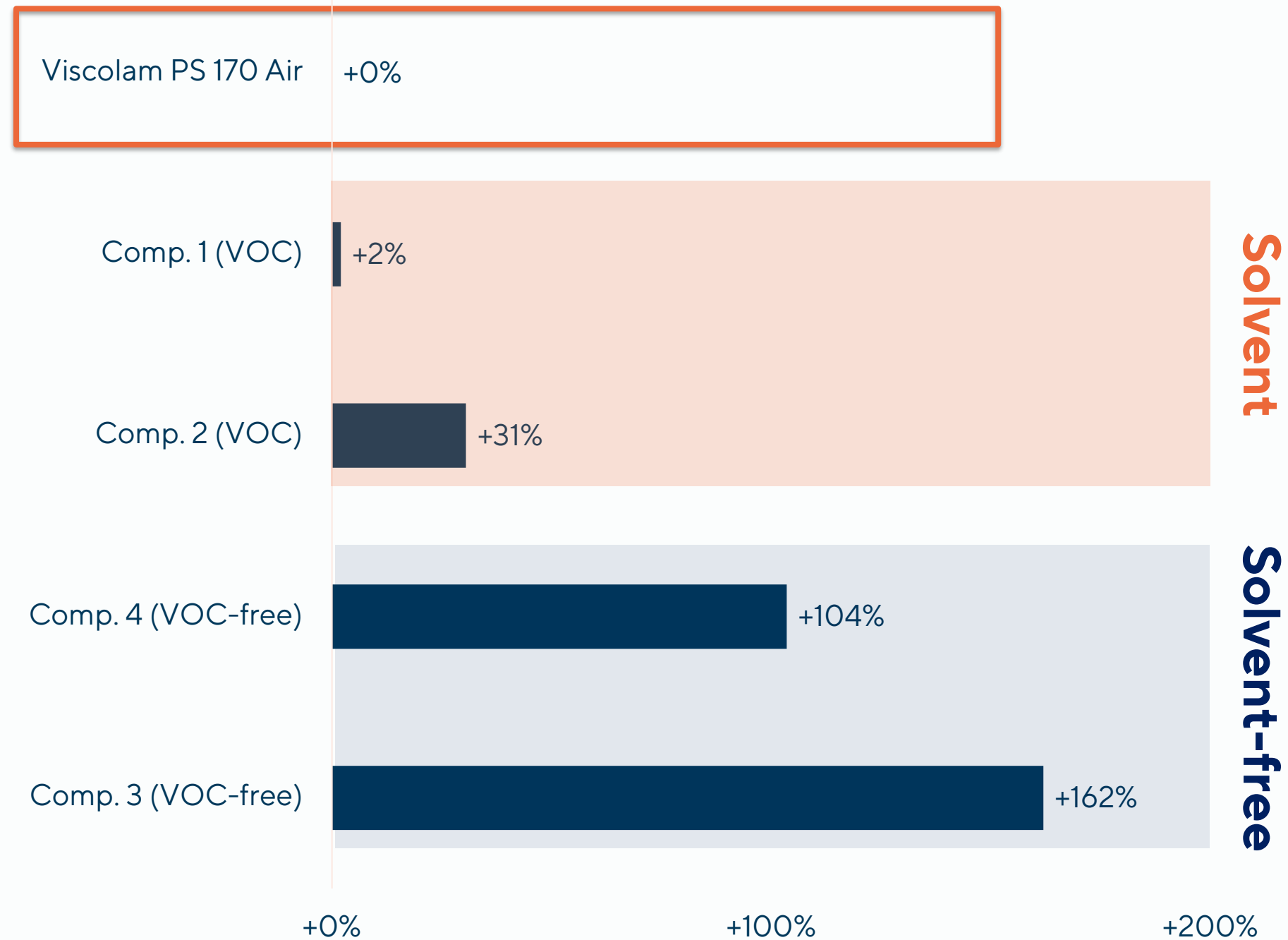
- APEO free
- Interior paints, architectural coatings



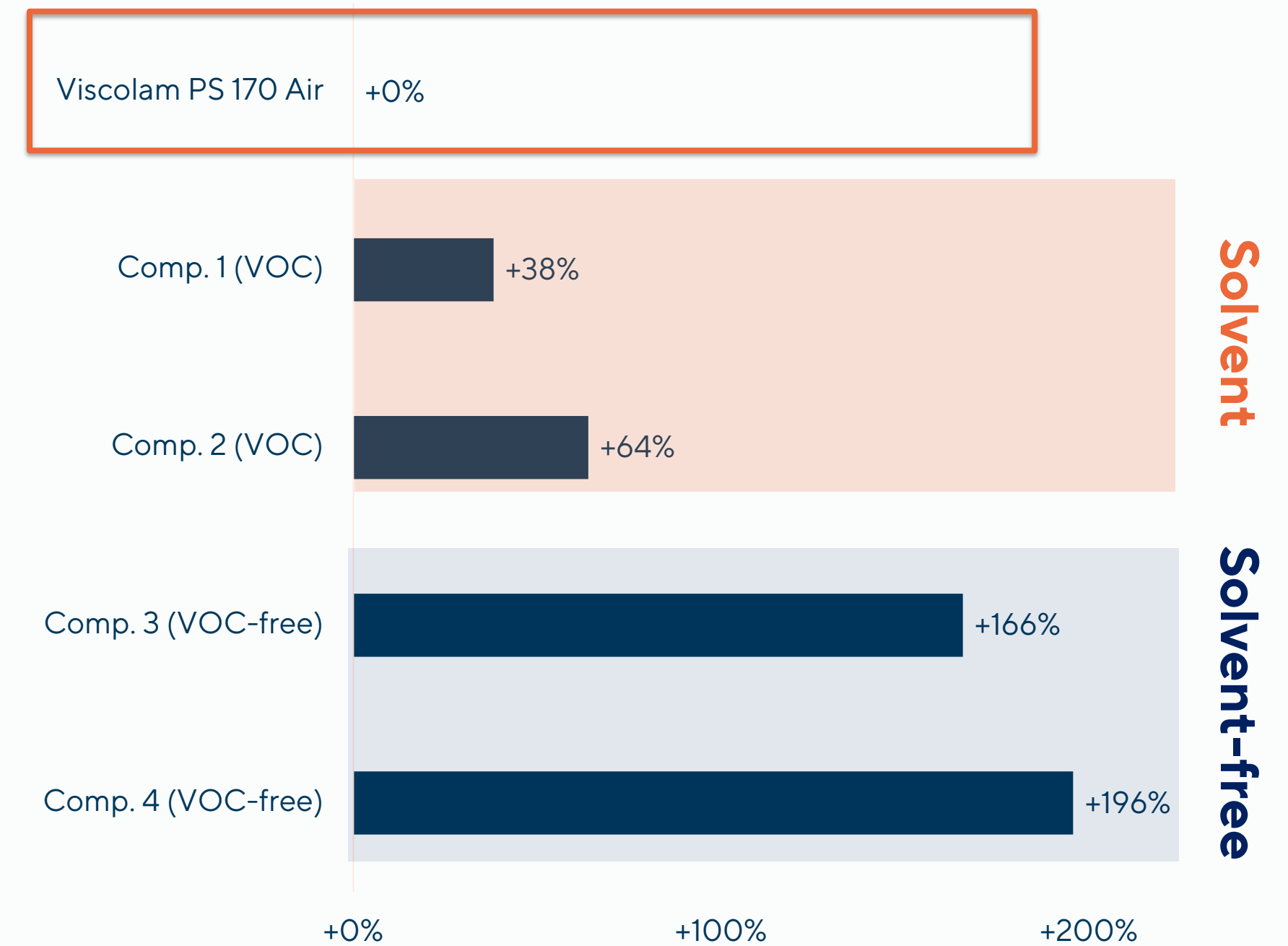
Efficiency

In all tests, the same medium shear viscosity has been set as a target: 100 KU Stormer
Required dosages were determined accordingly (expressed as required overdose
with respect to Viscolam PS 170 AIR)

PVC 60 Paint



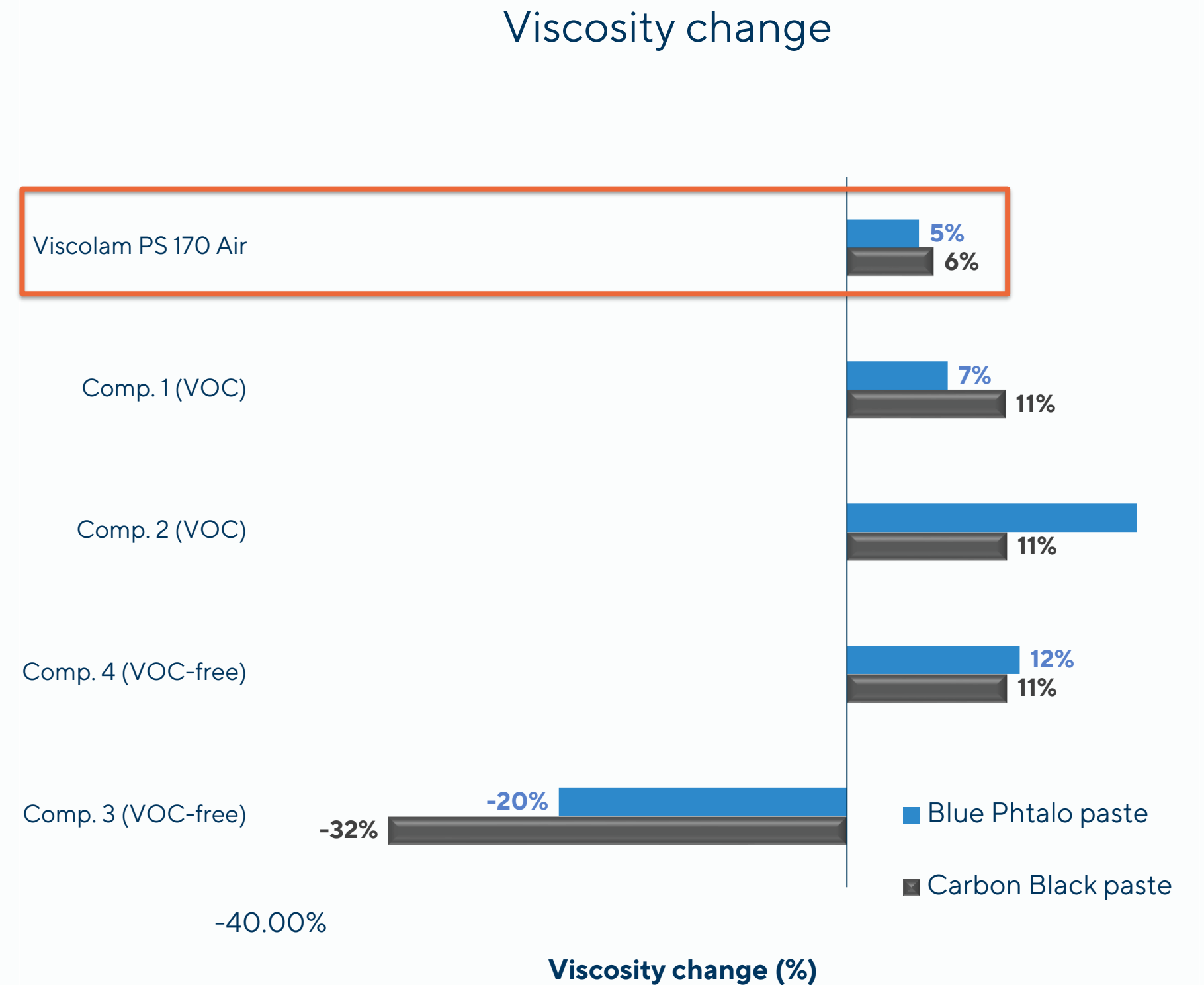
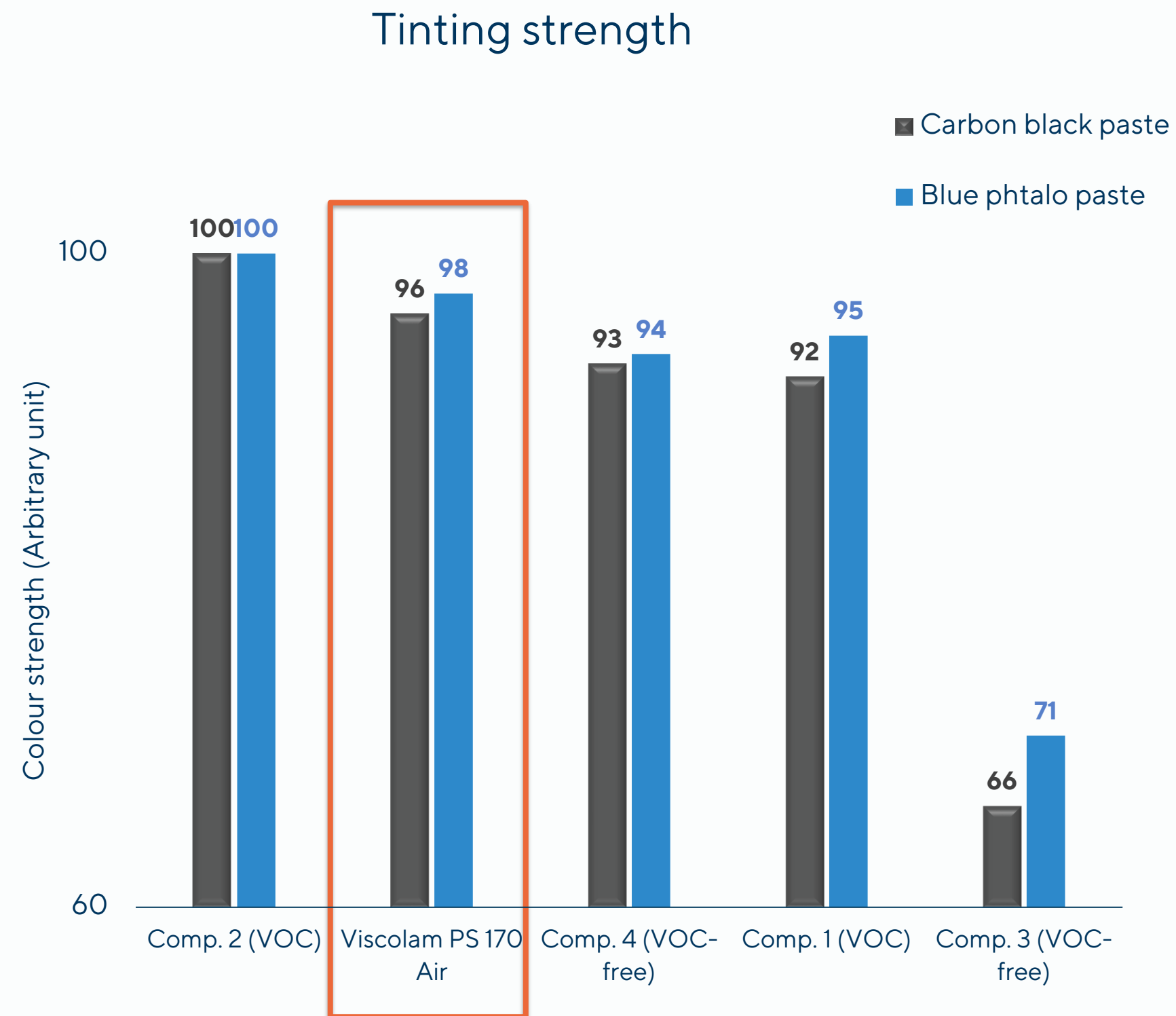
Enamel PVC 20 paint





Pigment compatibility

Effect on colour strength and viscosity of Phthalo Blue and Carbon Black pigment paste: tests on 20% PVC paints from the previous slide, using 2% pigment paste

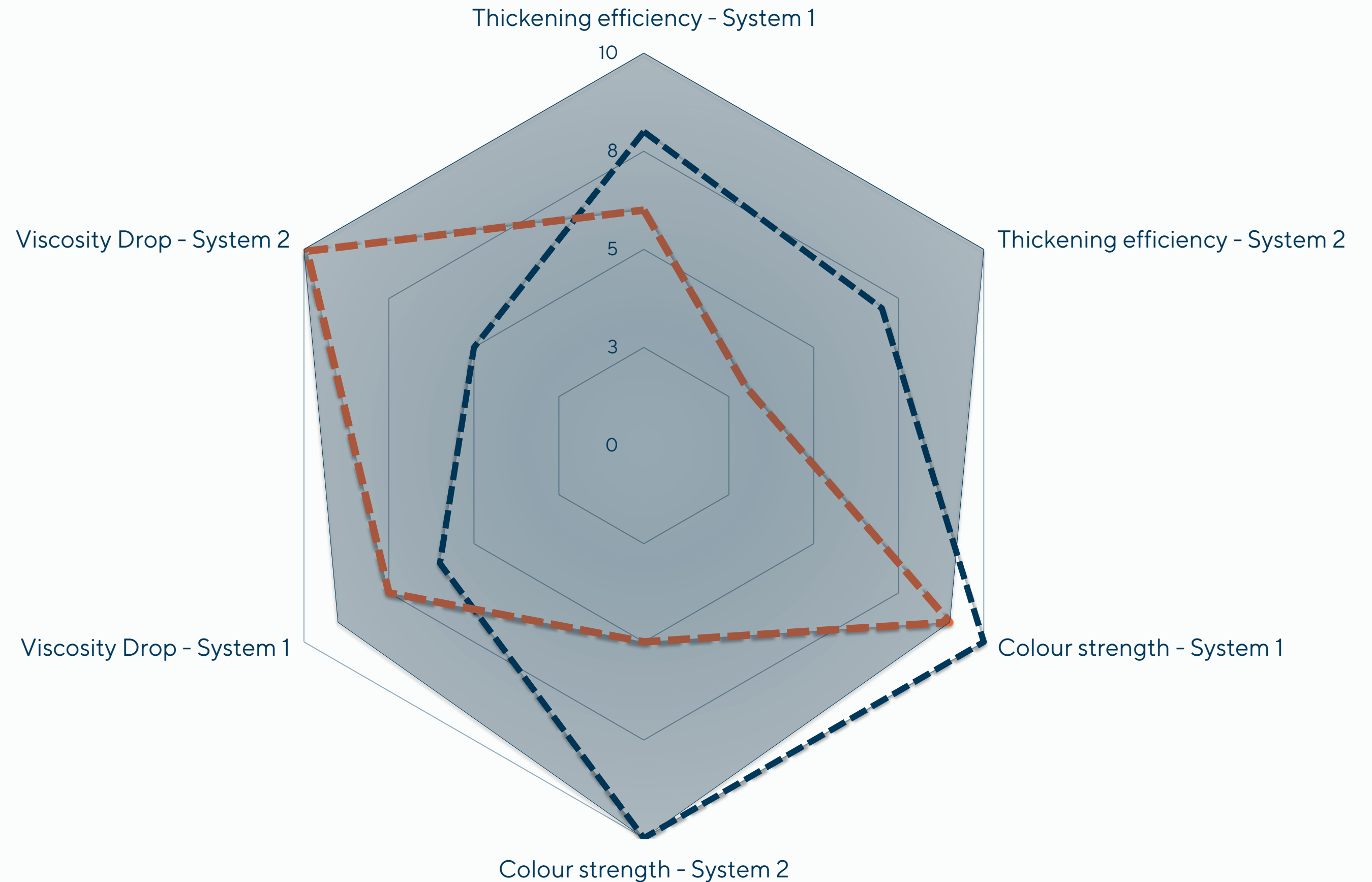




Overall scores

Viscolam PS 170 AIR was tested in comparison to different market benchmark, in different systems. For each system thickening efficiency and pigment compatibility (colour acceptance and viscosity drop after tinting) was tested.

Competitor 2 Competitor 4 Viscolam PS 170 AIR





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