



*The German
spirit of quality
since 1854*

Distributed By –
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Bio-glitter®

Deco Bioglitter Product Presentation



Agenda

- Product Ranges
- Compatibility
- Applications

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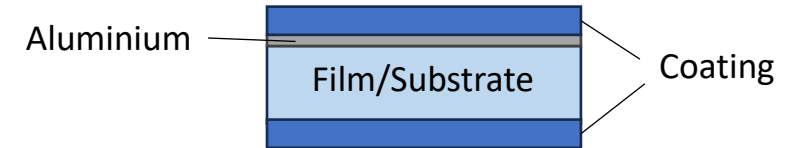


Product Ranges - Effects

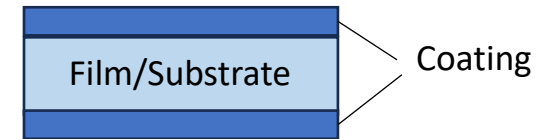
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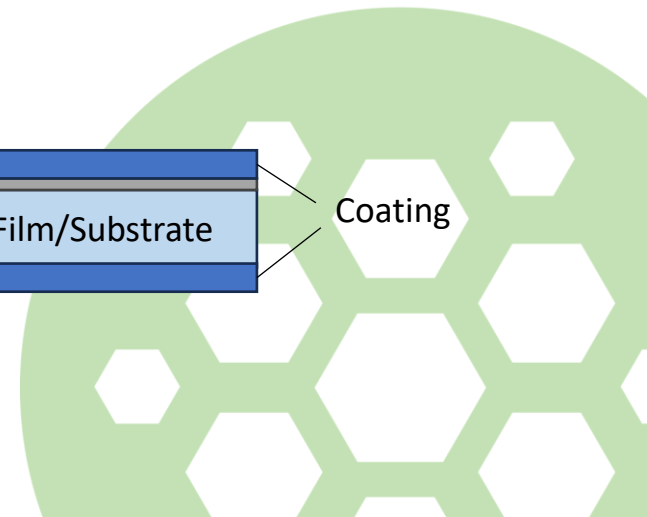
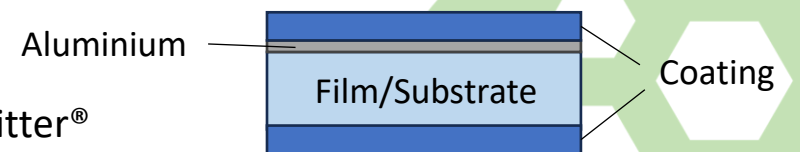
Metallic Effect Glitter



Opalescent Effect Glitter – Aluminium Free
(Mica coating)



Holographic Effect Glitter
(Physical diffraction structure within Bioglitter® splits the light into its component parts)





Product Ranges

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Deco Bioglitter® SPARKLE V1 (former RB's Deco Bioglitter® SPARKLE)

Deco Bioglitter® SPARKLE V2 (former SiLiglam PURE BIO SPARKLE T01)

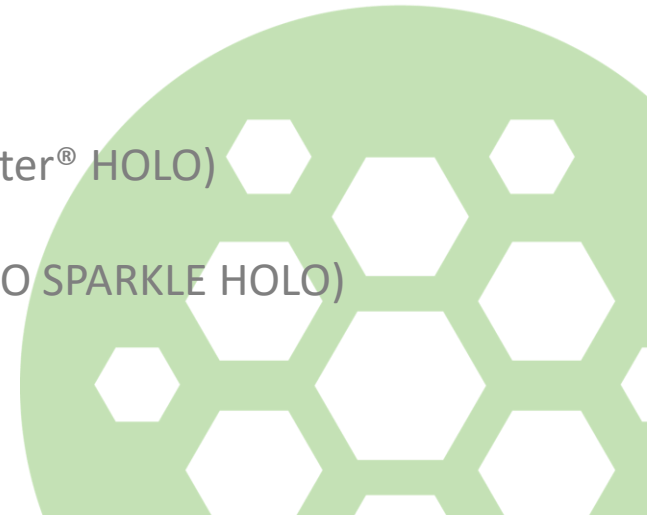


Deco Bioglitter® PURE V1 (former RB's Deco Bioglitter® PURE)



Deco Bioglitter® HOLO V1 (former RB's Deco Bioglitter® HOLO)

Deco Bioglitter® HOLO V2 (former SiLiglam PURE BIO SPARKLE HOLO)





Product Ranges – Key Biodegradability Properties

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Deco Bioglitter® SPARKLE V1

TUV Fresh Water Biodegradable Certified

Not EU Compliant (fails on multipolymer testing)

More compatible than V2

Deco Bioglitter® SPARKLE V2

EU Microplastic Complaint



Deco Bioglitter® PURE V1

EU Microplastic Complaint

Alternative to iridescent with a more subtle opalescent effect



Deco Bioglitter® HOLO V1

TUV Fresh Water Biodegradable Certified

Not EU Microplastic Compliant (fails on multipolymer testing)

Deco Bioglitter® HOLO V2

EU Microplastic Complaint





Product Ranges – Thickness / Coverage

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Deco Bioglitter® SPARKLE V1 - c.30micron thick

Deco Bioglitter® SPARKLE V2 - c.20micron thick

1/3 more particles & coverage than V1



Deco Bioglitter® PURE V1 - c.30micron thick



Deco Bioglitter® HOLO V1 - c.30micron thick

Deco Bioglitter® HOLO V2 - c.20micron thick

1/3 more particles & coverage than V1



Compatibility



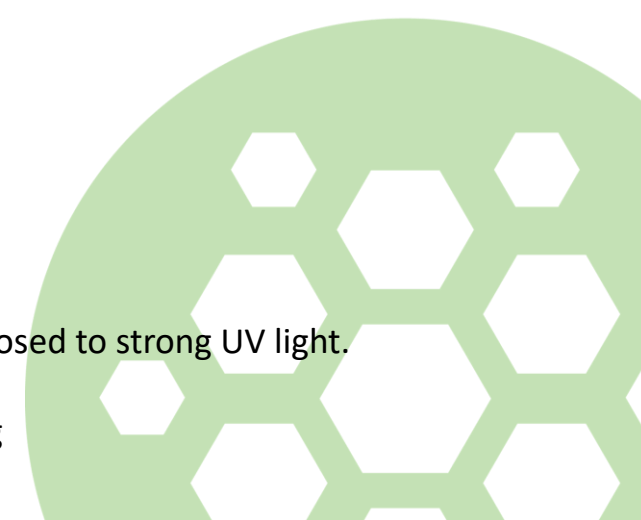
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Bioglitter® Range	Dry	Water	Alcohol	Solvent EA, MEK	Oil	Heat
Deco Bioglitter® SPARKLE V1 White	✓	✓	✓	✓	✓	✓
Deco Bioglitter® SPARKLE V1 All other colours	✓	✓	✓	✓	✓	✓
Deco Bioglitter® SPARKLE V2 Silver	✓	✗	✓	✓	✓	✓
Deco Bioglitter® SPARKLE V2 All other colours	✓	✗	✗	✗	✓	✓
Deco Bioglitter® PURE V1 Ocean Blue, Sea Green	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹	✓ ¹
Deco Bioglitter® PURE V1 All other colours	✓	✓	✓	✓	✓	✓
Deco Bioglitter® HOLO V1 Silver	✓	✓ ²	✓	✗	✓	✓
Deco Bioglitter® HOLO V2 Silver	✓	✗	✓	✓	✓	✓

RECOMMEND ALWAYS TEST IN APPLICATION.
It's the responsibility of the manufacturer of the final product formulation

- ✓ Compatible with good resistance
- ✓ Compatible, excessive heat may cause dulling
- ✗ Not compatible

¹ – contains iron blue – colour can fade when exposed to strong UV light.
Not compatible in alkaline systems
² – Phenoxyethanol preservative may cause dulling





Product Ranges

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THE WORLD'S FIRST CERTIFIED FRESH WATER BIODEGRADABLE GLITTER BRAND



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	SIZES COLOR	PURE V1 COLOR	SAPRKE L V1 COLOR	SAPRKE L V2 COLOR
	1	11	21	31
	2	12	22	32
	3	13	23	33
	4	14	24	34
	5	15	25	35
	6	16	26	36
HOLO	7	17	27	37
	8	18	28	38
	9	19	29	39
	10	20	30	40



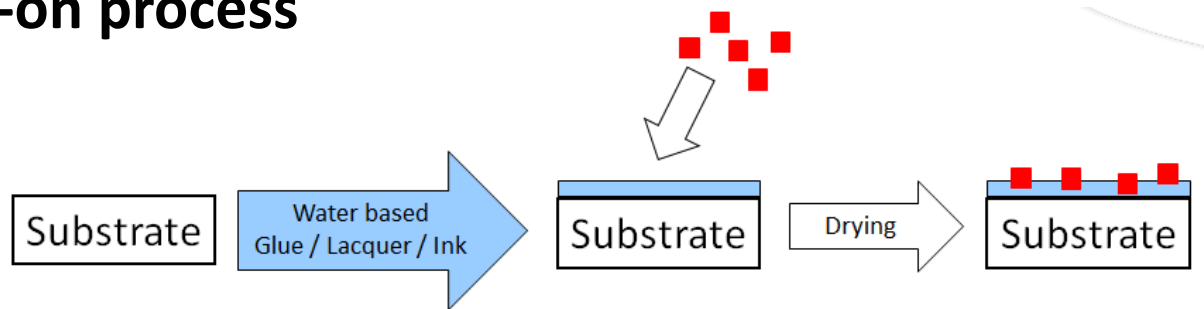


Glitter Applications

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1. Sprinkle-on process



- Simplest process
- No formulation difficulties
- If using glitter should have no issues with Bioglitter

Applications

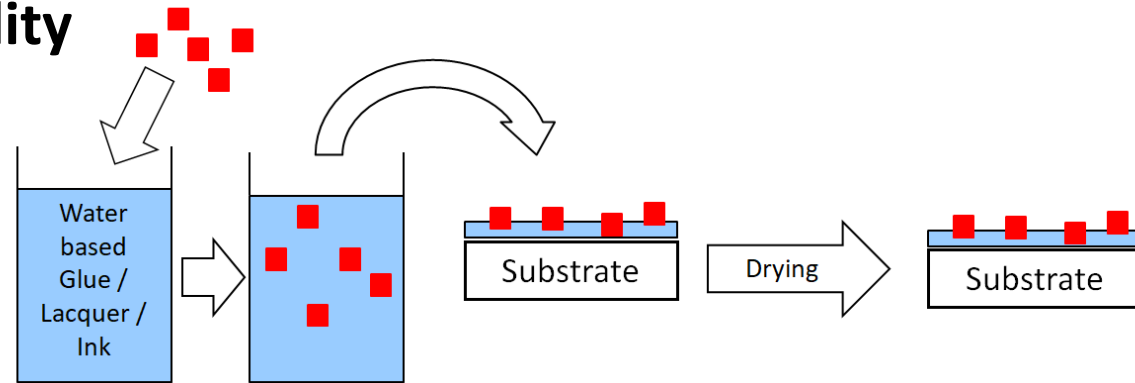
- Christmas Decorations
- Candles
- Flower Decoration
- Printing – Drop Glitter / Flock Process



Glitter Applications



2. Mix-in process – Short Term Stability



- Added formulation complications
- If using glitter should have no issues with Deco Bioglitter® SPARKLE V1

Applications

- Screen Printing
 - Paper and Board
 - Wallpaper
 - Textile Screen printing –
 - Curing/Fixing Heat & Wash resistance challenges



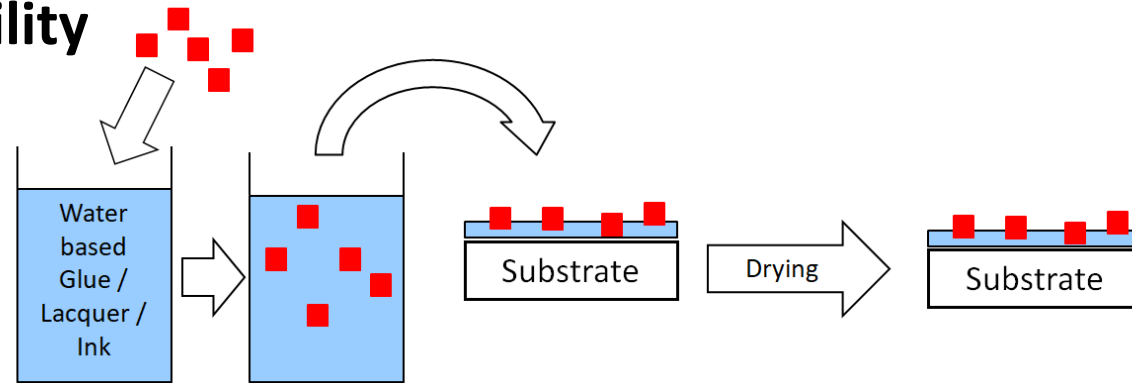


Glitter Applications

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3. Pre-mix process – Long Term Stability



- Added formulation complications

Applications

- Finished Inks
- Craft Products
 - Modelling Clay*
 - Slime*
 - Glitter Paints
 - Glitter Glue

**Acidic systems – can attack the aluminium layer in glitter.
(Bioglitter® & polyester glitter alike).*





Focus Applications

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Applications

- Screen Printing – Paper and Board (*EU business*)
- Decoration – Christmas, Horti (*EU business*)
- Art & Craft – Paint, Glue, Clay and Slime (*Paint & Glue business EU*)
- Others
 - Fishing Bait (*new*)
 - Cycling Tyre Sealant (*experience in UK*)
 - Household products (*past interest in using in toilet products*)
- Fabric Printing – Approach with caution!
 - *Live trials ongoing to optimise effect*





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Thank you

