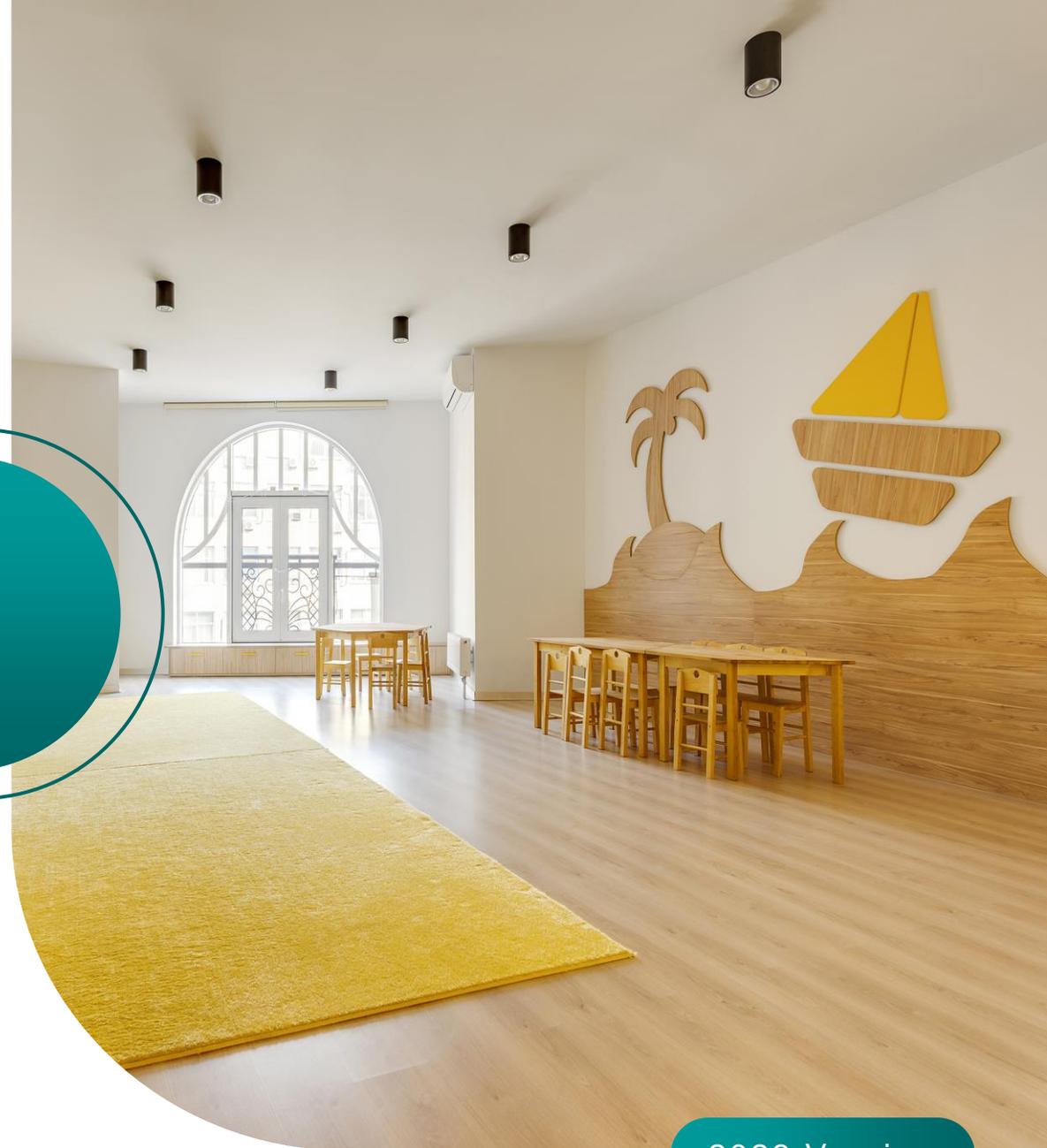




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# MS 100 Series Silica

Matting Agent for Wood Coatings





# MS 100 Series

Matting Agent For Wood Coatings

Advantage

## High matting efficiency:

MS 100 series have excellent matting efficiency, that's mean use less addition to achieve same gloss; And for the overall formula, it can bring more benefit:

\*Reduce costs

\*Reduce the viscosity

\*Increased transparency

\*Increased physical strength

## Smooth touch feeling:

Wax-treated silica can bring a good touch to the coating: delicate and smooth; and can improve the anti-settling performance of the matting agent.

## Excellent transparency:

The transparency of the coating is very important: formulators don't want additives to cover the wood's original color. Using MS 100 high transparency matting agent can make the paint better reflect the natural gloss.

## Good anti-settling and easy to disperse:

When producing coatings, the formulator will consider the process performance of the matting agent; anti-sedimentation can make the shelf life of the coating longer; Great dispersion performance brings shorter mixing time, improving production efficiency and coating quality.



# MS 100 Series

Matting Agent For Wood Coatings

## Product Properties

### MS 100 Series for Wood Coatings

| Products                    | MS130   | MS130H    | MS131   | MS150   | MS150H    | MS151   | MS160   | MS161   | MS1560  | MS1450  | MS1461  |
|-----------------------------|---------|-----------|---------|---------|-----------|---------|---------|---------|---------|---------|---------|
| Particle Size D50 (um)      | 3.6~4.0 | 3.6~4.0   | 3.6~4.0 | 4.6~5.0 | 4.6~5.0   | 4.6~5.0 | 5.6~6.0 | 5.6~6.0 | 5.2~5.6 | 4.6~5.0 | 6.0~6.4 |
| Oil Absorption DBP (g/100g) | 240~300 | 220~280   | 240~300 | 240~300 | 220~280   | 240~300 | 240~300 | 240~300 | 280~350 | 240~300 | 260~320 |
| Pore Volume (ml/g)          | 1.8     | 1.6       | 1.8     | 1.8     | 1.6       | 1.8     | 1.8     | 1.8     | 2.0     | 1.8     | 1.8     |
| Surface Treatment           | None    | Inorganic | Wax     | None    | Inorganic | Wax     | None    | Wax     | None    | None    | None    |
| pH                          | 6~8     |           |         |         |           |         |         |         |         |         |         |



# MS 100 Series

Matting Agent For Wood Coatings

## Application

| Products                 | Features  | Recommended Use in                              | Equivalent grades of other brands |
|--------------------------|---|---|-----------------------------------|
| MS 130, MS 150, MS 160   | High applicability                                  | Common Clear Wood Coatings                      | SYLOID® C silica                  |
| MS 130H, MS 150 H        | Inorganic treatment<br>Higher transparency          | Premium Clear Wood Coatings                     | SYLOID® 7000 silica               |
| MS 131, MS 151, MS 161   | Wax treatment<br>Anti-settling<br>Better fine touch | Higher Smoothness Wood Coatings                 | SYLOID® ED silica                 |
| MS 1560, MS1450, MS 1461 | Cost-effective                                      | Wood coatings without transparency requirements | SYLOID® MX silica                 |

Technology serves the business, Service doesn't end with delivery!

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