

VEGRASIL Spray Powder F 10, M 21 and G 46

Spray powder based on natural materials, biodegradable

G 46 is made without genetic engineering; for F 10 and M 21 we cannot guarantee that they are made without genetic engineering

Spray powders based on natural materials still represent an important quality criterion in the printing process. They are used as spacer between the paper sheets in the delivery pile of the printing press and for protection against adhesion and sticking together of the sheets. The reasons for adhesion are a different absorption of the various printing stocks, the ink application and the paper weight. Mineral spray powders based on chalk will lead to rough surfaces (sand paper effect).

VEGRASIL F 10, M 21 and G 46 are environmentally friendly spray powders based on natural materials and therefore easily biodegradable. They are not harmful to health.

VEGRASIL F 10, M 21 and G 46 are suitable for all known spray units (H-K-M-W-G). Heidelberger Druckmaschinen AG, König & Bauer AG Planeta - sheet fed offset presses, MAN Roland Druckmaschinen AG, Weitmann & Konrad GmbH & Co. KG - powder application technique, Grafix GmbH - powder sprayer technique.

VEGRASIL F 10, M 21 and G 46 prevent clumping in the powder sprayer due to their even grain size distribution as well as their excellent flow properties and pourability.

VEGRASIL F 10, M 21 and G 46 prevent the undesired sand paper effect due to the selected raw materials from starch grains with a soft, smooth surface.

VEGRASIL F 10, M 21 and G 46 are highly effective at minimum dosage; they are perfectly suitable for jobs with inline print finishing.

VEGRASIL F 10 (for F 10 we cannot guarantee that it is made without genetic engineering)

Material: starch

Product class: FINE

Average granulation: approx. 15 µm

Packing: Carton with 12 PE bottles of 0.7 kg or PE cans with 7 kg

VEGRASIL M 21 (for F 21 we cannot guarantee that it is made without genetic engineering)

Material: starch

Product class: MEDIUM

Average granulation: approx. 25 µm

Packing: Carton with 12 PE bottles of 0.7 kg or PE cans with 7 kg

VEGRASIL G 46 (made without genetic engineering)

Material: starch

Product class: COARSE

Average granulation: approx. 35 µm

Packing: Carton with 12 PE bottles of 0.8 kg or PE cans with 8 kg

The above specifications given in this product data sheet are based on our current knowledge and experiences. They do not present any guarantee of characteristics of the described product in the sense of the legal guarantee regulations and therefore do not create any contractual legal position. We do not accept claims arising from incorrect grade selection or wrong dosage of the powder.

18 November 2015 - cw/lh



BG ETEM Quality Seal

Translation: Letter from BG ETEM dt. 27 Oct. 2015 to VEGRA Aschau

18 Nov. 2015 - lh

Quality Seal "Low Emission Product" for your product VEGRASIL M 21

Dear Mr Uhlemayr,

We are pleased to inform you that you are entitled from now on to label your product

VEGRASIL M 21

which conforms with the criteria of the trade initiative "Spray Powder in Offset" with the quality seal "Low Emission Product" by the BG ETEM (= German Accident Prevention & Insurance Association for the Energy, Textile, Electronics and Media Industries).

Please note:

Basically, the validity of this quality seal has no time limit. However, the granting of the quality seal is exclusively valid for the currently submitted analysis results which have to be repeated every year. After receipt of the current analysis results we will verify these and decide about a continuation of the quality seal.

Best regards,

Field: Printing and Paper Processing
Department: Working Processes

Certificated Chemist
Lan Zhao

Quality Seal for Vegrasil M 21

Translation: Letter from BG ETEM dt. 27 Oct. 2015 to VEGRA Aschau

18 Nov. 2015 - lh

Quality Seal "Low Emission Product" for your product VEGRASIL G 46

Dear Mr Uhlemayr,

We are pleased to inform you that you are entitled from now on to label your product

VEGRASIL G 46

which conforms with the criteria of the trade initiative "Spray Powder in Offset" with the quality seal "Low Emission Product" by the BG ETEM (= German Accident Prevention & Insurance Association for the Energy, Textile, Electronics and Media Industries).

Please note:

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Best regards,

Field: Printing and Paper Processing
Department: Working Processes

Certificated Chemist
Lan Zhao

Quality Seal for Vegrasil G 46