

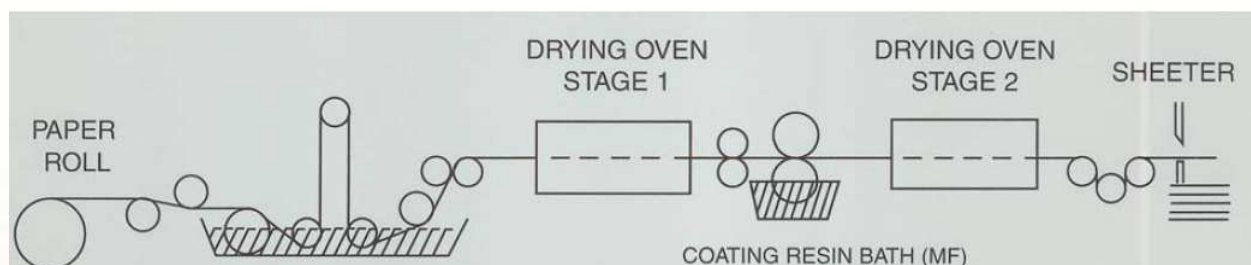


*RELEASE, WETTING, ANTI-BLOCKING
ANTI-FOAMING, ANTI-DUST*

ADDITIVES FOR PAPER IMPREGNATION
MUF AND UF GLUES

ADDITIVES FOR DECORATIVE PAPER

A FULL RANGE TO REACH THE RIGHT BALANCE



STANDARD RANGE			
PRODUCT	FUNCTION	DOSAGE bath 1	DOSAGE bath 2
MOULEX® WE05I	Release – antistatic (colorless grade)	0.1% - 0.2%	0.2% - 0.3%
MOULEX® WE07I	Release, antistatic & wetting agent	0.1% - 0.2%	0.2% - 0.4%
MOULEX® WE09	Wetting agent	0.2% - 0.4%	0.1% - 0.3%
MOULEX® WE04A	Anti-blocking	0%	0.2% - 0.5%
MOULEX® AF04	Anti-foaming	0.01% - 0.1%	0.01 - 0.1%
MOULEX® AP-01	Anti-dust	0	0.1 - 0.3%

FOR SPECIFIC RECOMENDATIONS

contact@additek.net



ADDITEK SAS, Production Plant ZI Route de Thennes, 80110 Moreuil, France
Tel: + 33 (0)3 22 09 90 28 - Fax: + 33 (0)3 22 09 03 70

ADDITIVES FOR DECORATIVE PAPERS

A FULL RANGE TO PERFORME YOUR INNOVATION

MOULEX® WE05I

Internal Release & antistatic additive (*high quality transparent formulation*)

LEVEL DOSAGE: 0.1 - 0.4%

BENEFITS:

Avoids sticking into the laminating press.
Reduces dirt build up on the press plates.
Improves antistatic effect
No effect on color.

SPECIFICATIONS

Form 20°C:	liquid
Color:	transparent colorless to slight yellow
Density at 25°C	1 - 1.03
Dry content:	17.5% - 21.5%
pH:	6 - 8
Acid value:	3 - 13 mg KOH / g

PACKAGING

1000KG IBC	
Freezing point:	< 3°C
Shelf life:	1 year

MOULEX® WE07I

Internal release, antistatic and wetting agent

LEVEL DOSAGE: 0.1 - 0.5%

BENEFITS:

Avoids sticking into laminating press.
Reduces dirt build up on the plates press.
Improves antistatic effect
No effect on color.
Improves glue wettability.
Improves glue penetration into the paper.

SPECIFICATIONS

Form 20°C:	liquid
Color:	transparent yellow
Density at 25°C	0.98 - 1.00
Dry content:	18% - 20%
pH:	6 - 8
Acid value:	14 - 24 mg KOH / g

PACKAGING

1000kg IBC	
Freezing point:	< 3°C
Shelf life:	1 year

MOULEX® WE09

Wetting agent

LEVEL DOSAGE: 0.1 - 0.3%

BENEFITS:

Improves glue wettability.
Improves glue penetration into the paper.
Improves air degasing.

SPECIFICATIONS

Form 20°C:	liquid
Color:	transparent colorless
Density at 25°C	1.01 - 1.03
Dry content:	26% - 30%
pH:	6 - 8
Acid value:	0 - 2 mg KOH / g

PACKAGING

1000KG IBC	
Freezing point:	< 3°C
Shelf life:	1 year



contact@additek.net

ADDITEK SAS, Production Plant ZI Route de Thennes, 80110 Moreuil, France

Tel: + 33 (0)3 22 09 90 28 - Fax: + 33 (0)3 22 09 03 70

MOULEX® WE04A

Anti-blocking agent

LEVEL DOSAGE: 0.1 - 0.5% only in the second bath

BENEFITS:

Anti-blocking
Avoids sheet sticking during storage in extreme conditions of humidity and temperature.

SPECIFICATIONS

Form 20°C: liquid
Color: white to yellow
Density at 25°C: 0.98 - 1.00
Dry content: 22% - 28%
pH: 7 - 9
Acid value: 0.5 - 4 mg KOH / g

PACKAGING

1000KG IBC
Freezing point: < 3 °c
Shelf life: 1 year

MOULEX® AF04

Anti-foaming agent

LEVEL DOSAGE: 0.01 – 0.1%

BENEFITS:

Avoids foam forming into impregnation bathes.
Improves glue distribution and thickness average.

SPECIFICATIONS

Form 20°C: liquid
Color: yellow
Density at 25°C: 0.86 - 0.90
Dry content: 99% - 100%
pH: 7 - 10
Viscosity, 25°C: 1000 - 3000 cSt

PACKAGING

850KG IBC or 180kg drums
Freezing point: < 3 °c
Shelf life: 2 years

MOULEX® AP- 01

Anti-dust

LEVEL DOSAGE: 0.1 – 0.3%

BENEFITS:

Avoids melamine dust forming, (on the rolls, in the oven and paper surface).

Improves air degasing.

SPECIFICATIONS

Form 20°C: liquid
Color: amber
Density at 25°C: 0.99 - 1.03
Dry content: 99% - 100%
pH: 8.5 - 9.5
Acid value: max 5
Viscosity, 25°C: 140 cSt (typical)

PACKAGING

1000L IBC or 200L drums
Freezing point: < 5 °c
Shelf life: 1 year



contact@additek.net

ADDITEK SAS, Production Plant ZI Route de Thennes, 80110 Moreuil, France
Tel: + 33 (0)3 22 09 90 28 - Fax: + 33 (0)3 22 09 03 70



Moreuil,
Date, 27/03/2013

REACH CERTIFICAT

Dear Customer,

One of the aims of REACH is to ensure a high level of protection of human health and the environment posed from the risks that can be posed by chemicals.

These chemicals substances could be under authorization or interdiction.
First step is to create a list (SVHC List) of those chemical substances.

We hereby certify that the **MOULEX[®] WE 05I**
MOULEX[®] WE 07I
MOULEX[®] WE 09
MOULEX[®] WE 04A
MOULEX[®] WE AF04
MOULEX[®] AP-01

do not contain any of the SVHC listed substances.

All the substances in the recipe of **MOULEX[®] WE05I**
MOULEX[®] WE07I
MOULEX[®] WE 09
MOULEX[®] WE 04A
MOULEX[®] WE AF04
MOULEX[®] AP-01

are registered or pre-registered.



Mr. Jacques DELFORGE
Quality Manager of ADDITEK SAS

A handwritten signature in blue ink, appearing to be 'J. DELFORGE', written over a horizontal line.

CERTIFICATE



Management system as per
EN ISO 9001 : 2008

In accordance with TÜV NORD CERT procedures, it is hereby certified that

ADDITEK S.A.S.
Z.I. Route de Thennes
80110 MOREUIL
France



applies a management system in line with the above standard for the following scope:

Design, production, sales and trade of mould release agents and processing aids used in the rubber, thermoplastics, composites, wood and paper impregnation industries

Certificate Registration No. 04 100 051274
Audit Report No. 3510 1968

Valid until 2015-08-03

C. Brüntigam
Certification Body
at TÜV NORD CERT GmbH

Essen, 2012-06-03

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH

Langemarckstrasse 20

45141 Essen

www.tuv-nord-cert.com



TSA-ZM-07-00-00