



for tomorrow's
Technology

Universal Plaster Additive



for tomorrow's

World

BioWet™ P 77

Biodegradable VOC-free Wetting Agent

BioWet™ P 77

Usage of BioWet™ P 77 allows ease of formulation of various renders (putz): emulsion based, silicone resin based as well as silicate based renders. These can now be formulated from only one 'master batch'.

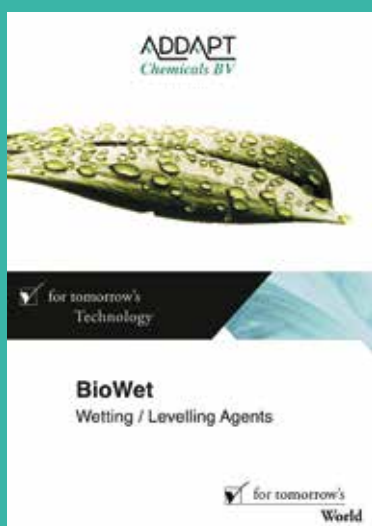
When using BioWet™ P 77 renders of 0.5 mm up to 3.0 mm can easily be created. At the same time, usage of the additive leads to very good flow of the render and pinhole free render can be obtained.

Benefits

A unique feature of BioWet™ P 77 is the good drying profile at both high temperatures (> 30°C) and low temperatures (5°C). No separate additives are needed. Also, BioWet™ P 77 is VOC- and label free and exhibits extreme low odour.

Another feature of BioWet™ P 77 is that various 'basic' chemicals are no longer needed (the 'master batch' approach). This means that stock levels of raw materials can drastically be reduced. Because these raw materials can be left out, production cycles can be reduced up to 50%.

"For more information please take a look at the BioWet™ brochure".



Typical chemical and physical properties

ADDAPT® BioWet™ P 77 is a VOC-free universal additive for renders (putz) and putties.

BioWet™ P 77 is a blend of multi-alcohols and polymers in water. The components are EINECS registered.

| | |
|--------------------|-------------------------------|
| Appearance | Liquid |
| Odour | Characteristic |
| Viscosity at 25 °C | < 100 mPa.s |
| Density at 20 °C | 1.20 – 1.30 g/cm ³ |
| Solubility Water | Soluble |

Applications & typical treat level recommended

- Renders (Putz) and putties 1.0-3.0%

Chemicals that are no longer needed

- Separate dispersant(s)
- Glycols (like MPG)
- Solvents (depends on binder MFT)
- KOH or NH₄- solution
- Additional open time additives (Fatty-alcohols; Wax Emulsions)
- Separate drying additives (for low temperatures)

Safety and Handling

Please read Material Safety Data Sheet (MSDS) before handling.

Product Specification

This information is available on request through our local representative.

Packaging

This information is available on request through our local representative.

Quality Policy

The objective of our quality policy is the continuous fulfillment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.

The Quality System of ADDAPT Chemicals BV is based on the principles of the NEN-EN-ISO-Standard 9001:2008.

BioWet™ P 77

Master batch I

Render (Putz) Master batch I - Contains fibres

| Item | Component | Weight |
|--------------|-----------------------------------|---------------|
| 1 | Water | 28.60 |
| 2 | Fibres STW 235/040 | 1.00 |
| 3 | ADDAPT® TiCell P/90G ¹ | 0.60 |
| 4 | ADDAPTOL™ DB ² | 0.50 |
| 5 | ADDAPT® BioWet™ P 77 | 10.00 |
| 6 | ADDAPT® Foamstop™ VF 10N | 0.30 |
| 7 | Acticide MBS | 0.70 |
| 8 | Arbocell B400 | 1.00 |
| 9 | Arbocell B600 | 1.50 |
| 10 | Intalc 12060 LA ³ | 10.00 |
| 11 | Celite 388 | 2.00 |
| 12 | Binder | 37.00 |
| 13 | ADDAPT® Foamstop™ VF 10 | 0.20 |
| 14 | ADDAPT® SOL 30 | 4.00 |
| 15 | Acticide MKB 3 | 2.00 |
| 16 | ADDAPT® AS 400 | 0.10 |
| 17 | Thixsol 53 L | 0.50 |
| Total | | 100.00 |

BioWet™ P 77

Master batch II

Render (Putz) Master batch II - Fibre free

| Item | Component | Weight |
|--------------|-----------------------------------|---------------|
| 1 | Water | 23.10 |
| 2 | ADDAPT® TiCell P/90G ¹ | 0.60 |
| 3 | ADDAPTOL™ DB ² | 0.50 |
| 4 | ADDAPT® BioWet™ P 77 | 10.00 |
| 5 | ADDAPT® Foamstop™ VF 10N | 0.30 |
| 6 | Acticide MBS | 0.70 |
| 7 | Mica Celia 250L ³ | 8.00 |
| 8 | Intalc 12060 LA ³ | 8.00 |
| 9 | Celite 388 | 2.00 |
| 10 | Binder | 40.00 |
| 11 | ADDAPT® Foamstop™ VF 10 | 0.20 |
| 12 | ADDAPT® SOL 30 | 4.00 |
| 13 | Acticide MKB 3 | 2.00 |
| 14 | ADDAPT® AS 400 | 0.10 |
| 15 | Thixsol 53 L | 0.50 |
| Total | | 100.00 |

¹Very low viscosity cellulose thickener

²Optional - depending on binder

³Prevents mud cracking

Emulsion bound render - 1.5 mm white

| Item | Component | Weight |
|--------------|-------------------------|---------------|
| 1 | Master batch I or II | 26.00 |
| 2 | ADDAPT® Foamstop VF™ 10 | 0.10 |
| 3 | Titaniumdioxide | 2.00 |
| 4 | Dorkafill H | 1.00 |
| 5 | Intalc 12060 LA | 1.50 |
| 6 | Omyacarb 50GU | 31.00 |
| 7 | Inducarb 1.0-1.5 | 38.00 |
| 8 | Water | 0.40 |
| Total | | 100.00 |

Silicate render - 1.5 mm white

| Item | Component | Weight |
|--------------|-------------------------|---------------|
| 1 | Master batch I or II | 23.00 |
| 2 | ADDAPT® Foamstop™ VF 10 | 0.10 |
| 3 | Titaniumdioxide | 2.00 |
| 4 | Dorkafill H | 1.00 |
| 5 | Intalc 12060 LA | 1.50 |
| 6 | Omyacarb 50GU | 31.00 |
| 7 | Inducarb 1.0-1.5 | 38.00 |
| 8 | ADDAPT® SilStab L50 | 3.40 |
| Total | | 100.00 |

Silicone render - 1.5 mm white

| Item | Component | Weight |
|--------------|-------------------------|---------------|
| 1 | Master batch I or II | 23.00 |
| 2 | Silicon Resin | 3.00 |
| 3 | ADDAPT® Foamstop™ VF 10 | 0.10 |
| 4 | Titaniumdioxide | 2.00 |
| 5 | Dorkafill H | 1.00 |
| 6 | Intalc 12060 LA | 1.50 |
| 7 | Omyacarb 50GU | 31.00 |
| 8 | Inducarb 1.0-1.5 | 38.00 |
| 9 | Water | 0.40 |
| Total | | 100.00 |

Silicone/Silicate render - 1.5 mm white

| Item | Component | Weight |
|--------------|--------------------------|---------------|
| 1 | Master batch I or II | 24.00 |
| 2 | Silicon Resin | 1.00 |
| 3 | ADDAPT® Foamstop™ VF 10N | 0.10 |
| 4 | Titaniumdioxide | 2.00 |
| 5 | Dorkafill H | 1.00 |
| 6 | Intalc 12060 LA | 1.50 |
| 7 | Omyacarb 50GU | 31.00 |
| 8 | Inducarb 1.0-1.5 | 38.00 |
| 9 | ADDAPT® SilStab L50 | 1.40 |
| Total | | 100.00 |



Legend

| Component | Description | Component | Description |
|--------------------------|--------------------------|-----------------|-----------------------|
| Acticide MBS | In can preservative | Arbocell B400 | Cellulose |
| Acticide MKB 3 | Film preservative | Arbocell B600 | Cellulose |
| ADDAPT® AS 400 | Thickener high shear | Celite 388 | Filler |
| ADDAPT® BioWet™ P 77 | Special additive | Dorkafill H | Filler |
| ADDAPT® Foamstop™ VF 10 | Defoamer | Inducarb | Stones |
| ADDAPT® Foamstop™ VF 10N | Defoamer | Intalc 12060 LA | Sighted talcum filler |
| ADDAPT® SilStab L50 | Potassium Silicate | Mica Celia 250L | Muskovit Glimmer |
| ADDAPT® SOL 30 | Drying speed / levelling | Omyacarb | Filler |
| ADDAPT® TiCell P/90G | Cellulose thickener | Thixsol 53 L | Thickener low shear |
| ADDAPTOL™ DB | Coalescing agent | Titaniumdioxide | White pigment |

- A list of suppliers and additional formulations are available upon request-



CONTACT INFORMATION

ADDAPT Chemicals B.V.

Speltdijk 1
5704 RJ Helmond
The Netherlands

Tel.: +31 (0)492 59 75 75
Fax: +31 (0)492 55 29 55
E-mail: info@addapt-chem.com
<http://www.addapt-chem.com>

Liability

All recommendations for the use of our products, whether given by us in writing, oral, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Under no circumstances shall Seller be liable for incidental, consequential or indirect damage for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with product(s). Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has/have not been tested for, and is/are therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin or blood is intended, or for uses for which implantations within the human body is intended.

