



## Sikkens Cetol WP 560

### Short description:

A translucent water borne base stain, moisture vapour permeable stain for factory application to soft and hard woods.

### Characteristics:

- ◆Specially formulated for application by dipping or flow-coating.
- ◆Is microporous
- ◆Excellent adhesion to timber
- ◆A first class foundation for various types of decorative coatings.
- ◆Ensures optimum penetration
- ◆Waterthinnable and environment friendly
- ◆A base coat for all Sikkens translucent finishes.
- ◆Provides limited weather resistance

### Properties:

**Composition** Acrylic / Alkyd-resin  
Hybrid system

#### Drying at 23° C / 50% R.H.

Dust dry:           After approx. 30 min  
Sandable:          After approx. 4 hrs  
Recoatable:        After approx. 4-6 hrs

Drying times can be reduced by the installation of forced drying systems. please consult the Technical services department for recommendations.

**Practical usage by dipping** 120 – 160 ml/m<sub>2</sub>  
Depending on application method and wood

Practical coverage will be affected by factors such as surface condition, component profile, application method, temperature etc. To assess practical spreading rate, a test should be carried out with the items under the precise working conditions.

#### Advised layer thickness:

Dipping:            Not applicable  
Viscosity           Package viscosity

**Solid content:** 14%

**Flash point:**                   > 100° C

**Density**           **approx.** 1,01  
Depending on colour

**Minimum application temperature**  
10° C ( substrate, air and material )

**Cleaning of equipment:**  
with water

**Package:**  
20 ltr  
120 ltr

### Application:

**Initial Procedure:** Stir thoroughly immediately prior to use.

**method:** Dip/flow-coating, spraying

**Viscosity:** ready to use

**Spray:** Can be sprayed on as a substitute for a dip tank, unthinned.

#### N.B

Dip tanks and flow coaters for application of this product should be constructed of stainless steel.

Dip tanks should be covered with a tight fitting lid when not in use.

Spray table: assisted	Airless	Air
<b>Fluid Pressure</b>		
<b>Air pressure</b>	-	
<b>Nozzle size</b>		

# Processing notes

## Basic rules

The processing of Sikkens Cetol WP 560 can occur via dipping, flooding and brushing.

The wood moisture when using Sikkens systems should be between 11 % and 15 %.

The selection and use of the paint systems, particularly the shade's, comply with the guidelines of the institute for window techniques in Rosenheim and the federal committee for paint and value protection.

## Paint systems for joinery

### 1. Fully finished, stable wood frames

#### Impregnation according to DIN 68 800 Part 3. Only pine wood.

Sikkens Cetol WV 881 (according to EN 152.1, EN 113 and RAL).

Sikkens Cetol SV 868 (according to EN 152.1, EN 113 and RAL).

#### Primer

Sikkens Cetol WP 560

#### Midcoat

Sikkens Cetol WM 660 or 662

#### Or

Sikkens Cetol WF 750

#### Or

Sikkens Cetol WF 755

#### Finish

Sikkens Cetol WF 750

#### Or

Sikkens Cetol WF 755

### 2. Semi-stable and none stable wooden elements.

If coating these types of constructions, one must be aware of a higher swelling and shrinkage of the wood due to the wood moisture. These type of constructions must be coated in a thin build system. The dry film thickness should not exceed 40µm with none stable and- 80µm Semi-stable elements.

#### Note:

**1 Cover up the paint surface during the installation and plastering of the components.**

**2 Caution, Only use sticky tapes that are compatible with waterthinnable acrylic coatings. Tapes should be removed within two weeks.**

#### Viscosity table depending on temperature.

##### DIN cup 4mm at:

30° C	11 seconds
28° C	11 seconds
26° C	12 seconds
24° C	12 seconds
22° C	12 seconds
20° C	12 seconds
18° C	12 seconds
16° C	12,5 seconds
14° C	12,5 seconds
12° C	13 seconds