

# Sikament<sup>®</sup> NN Truck Pack

## Powdered High Range Superplasticiser for Concrete

Construction

<b>Description</b>	Sikament <sup>®</sup> NN Truck Pack is a powdered superplasticising admixture based on Naphthalene Sulphonate. It is supplied in pre-packed water soluble bags, and is added to concrete in the truck on site. It has been developed for onsite dosing of concrete that requires an increase in slump without the addition of extra water.
<b>Uses</b>	<p>Sikament<sup>®</sup> NN Truck Pack can be used for the following situations:</p> <ul style="list-style-type: none"> <li>• Concrete that has lost slump and is difficult to discharge.</li> <li>• Where time delays have slowed discharge times.</li> <li>• Where the addition of water is prohibited on site.</li> <li>• To assist pumping.</li> <li>• Applications requiring fast and efficient placement.</li> <li>• Situations where there is congested reinforcement.</li> </ul>
<b>Advantages of onsite dosing:</b>	<ul style="list-style-type: none"> <li>• Substantial improvement in workability and flowability without increased water.</li> <li>• Concrete will have an improved cementitious paste due to better cement dispersion.</li> </ul>
<b>Advantages of Sikament NN Truck Pack:</b>	<ul style="list-style-type: none"> <li>• More control of dosing rate.</li> <li>• No measurement of superplasticiser required.</li> <li>• Easier to transport in truck cabs.</li> <li>• Easier and safer to dose.</li> </ul>
<b>Dosage (typical)</b>	One bag of Sikament <sup>®</sup> NN Truck Pack is equivalent to one litre of Sikament NN (Liquid) and will raise the slump of 1 m <sup>3</sup> of concrete approximately 40-50 mm. This will depend of the slump before the addition of the Truck Pack.
<b>Storage and Shelf Life</b>	Stored in the original sealed containers, this product will keep for a minimum of one (1) year.
<b>Instructions for Use</b>	
<b>Application</b>	<ul style="list-style-type: none"> <li>• Wind the concrete mix to the back of the bowl and add the appropriate number of bags to the concrete.</li> <li>• The concrete should then be rapidly agitated for a full 5 minutes to ensure complete and thorough mixing.</li> <li>• For quicker mixing action predampen the paper bag.</li> </ul>

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**Technical Data (Typical)**


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<b>Form</b>	Napthalene Sulphonate powder
<b>Colour</b>	Brown
<b>Air entrainment</b>	Very slight increase
<b>Chloride content</b>	Nil
<b>Effect on setting time</b>	Overdosing with Sikament <sup>®</sup> NN Truck Pack can delay set.
<b>Suitability</b>	All types of Portland cement
<b>TEA content</b>	Sikament <sup>®</sup> NN Truck Packs do not contain Triethanolamine (TEA)
<b>Compatibility with other Sika admixtures</b>	Yes – Use of Plastiment <sup>®</sup> is recommended to enhance performance.
<b>Packaging</b>	Sikament <sup>®</sup> NN Truck Pack – 400 grams in soluble type bag. Sold in pails of fifteen (15) bags per pail.

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**Important Notes**

- Maximum dose rate for Sikament<sup>®</sup> NN Truck Pack is 2 bags/100 kgs cement.
- Concrete containing Sikament<sup>®</sup> NN Truck Pack may be re-dosed if required, once the original superplasticising effect has expired. This will re-establish a higher workability. Dosage can be added to concrete any time before initial setting phase starts. Otherwise concrete will not respond.
- Concrete severely overdosed may segregate and set retardation can occur.
- When trucks are dosed on site it is suggested that one person be designated to this task to ensure uniform slumps are achieved.
- In order for Sikament<sup>®</sup> NN Truck Pack to have maximum effect, and to ensure the optimum results are achieved, it is recommended that concrete mixes be designed to specifically satisfy the expected requirements. Examples of these requirements may be high strength, high durability, high flow, etc.
- For high flowing or self compacting concrete, we recommend the use of ViscoCrete<sup>®</sup>.

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**Handling Precautions**

- Avoid contact with food and utensils. Avoid prolonged skin contact. Wear protective clothing, gloves, goggles etc. in the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention immediately.
- For further information refer to the Sika Material Safety Data Sheet which is available on request.
- If in doubt always follow the directions given on the pack or label.

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**Important Notification**

The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

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