

## TECHNICAL INDEX CARD 2015

### **MORTAR AUTONIVELANTE FOR THE CREATION OF CONTINUOUS FLOORS IN INDUSTRIAL ZONES**

Of dried very fast In basic cement For thicknesses from 5 mm. Autonivelante Solid even in thick layers Nivelación and renewal of industrial and commercial surfaces Bombeable Transitable to the 3 Very resistant hours Fast put in service Company certified according to

#### **Field of application:**

Nivelación And renewal of pavings of concrete, soleras of cement and anhidrita, revestimientos ceramic, no ceramic and others. Creation of surfaces for the placing of revestimientos ceramic, natural stone and other revestimientos. Creation of solera in industrial states and commercial, sealed with revestimiento of protection.

#### **Characteristics:**

Dust to base of special cements and plastificantes with good capacity of dispersion and special fillings. Mixed with water obtains a soft mortar, autonivelante and bombeable, which is trabajable 1/2 hour and transitable in 3 hours. The dry mortar and toughens by hydratation, without retracción, avoiding the apparition of fissures.

#### **Preparation of the support:**

The support has to be dry, clean, compact, free of dust and agents separadores. The imprimaciones pertinent will make following the instructions of the technical index card of the EUROTAFF EP 305 On dense supports and no porous will apply the imprimación EUROTAFF EP 305 with seeded back of sand of quartz. The support will have to remain always dry.

#### **Way of employment:**

In a clean container pours clean water and adds the dust, stirring up strongly with an agitador, until obtaining a mortar homogéneo and fluent. The relation of mix is of 4 3/4 - 5 1/4 l. By 25 kg. The mortar can work aprox. 1/2 hour to temperatures between 18-20°C. The low temperatures lengthen and the high reduce the time of trabajabilidad. The mortar extends easily and straightens without sores.

#### **Application of the mortar:**

The mortar And. M. C. - MSA Can apply with patín extendedor and straighten with flat of straightened. In small surfaces, on which need a planimetry to plant a revestimiento, will effect a nivelación with And. M. C. 15 on the And. M. C. - MSA Cool in fresco. In big surfaces will effect the same procedure, having left to dry previously the And. M. C. - MSA And having made an imprimación with EUROTAFF EP 305 diluted with water 1:3.

#### **Thicknesses of layer:**

On pavings of concrete, soleras of cement and smooth supports no porous, to which have applied them a bridge of union to base of EUROTAFF EP 305 arenado, can apply a thickness of layer of until 50 mm of And. M. C. - MSA. On supports of anhidrita can apply a continuous layer of And. M. C. - MSA Of until 10 mm of thickness. In upper thicknesses to 10 mm until a maximum of 20 mm will have to lengthen the And. M. C. - MSA With sand.

# Eurotaff EMC- MSA

## **Thicknesses of layer**

MATERIAL OF MIX		RELATION OF MIX	
WASH	GRANULOMETRY	MORTAR	MATERIAL OF MIX
SAND	0,4 mm	1,0 PART	0,3 PARTS
SAND	0,8 mm	1,0 PART	0,3 PARTS

Work the And. M. C. - MSA To upper temperatures to the 5°C. The superficial layer has to be protected of a dried too fast by the action of the sun and the currents of air.

## **Small works:**

In a container of some 50 l. Of capacity pour of 10 to 10,5 l. Of clean water. With the help of a mezclador electrical mix 50 kg.= 2 sacks of And. M. C. - MSA Until obtaining a mortar without grumos and homogéneo.

## **Big works:**

For the pumping of the mortar are appropriate the helicoidal bombs, cylindrical or continuous that they are able to promote 20-40 l. Of mortar by minute. If it applies the mortar lengthened with sand, have to lubricar the hoses with a mix of 1 sack of And. M. C. - MSA And 8 l. Of water. The utilisation of whitewash of cement is forbidden for the lubricación of the hoses. Has to wash the machine and the hoses if these are not used during more than 1/2 hour.

## **Preparation of useful layers in industrial and commercial field:**

The capacity of load of the support, was solera of cement or concrete has to be resistant to the load. The support has to be treated by means of granallado or milled to end to delete impurity, agents separadores, zones superficialmente disgregadas and accumulation of agglutinative. These ready surfaces have to imprimir with EUROTAFF P51 diluted with water 1:1. In some cases could be necessary an imprimación with EUROTAFF EP2000 with seeded of sand. And. M. C. - MSA Is resistant to the load, as it is assigned in the part 1 of the corresponding leaf of work AGI To 12 of "industrial Pavings", for soleras of cement with solidity of class ZE 30- ZE 50 without load of drag.

## **Recommendations:**

And. M. C. - MSA Can not use in outsides and in zones constantly humid.

## **Warning:**

It contains cement. It reacts alcalinamente. Protect the skin and the eyes. In case of contact with the eyes wash acutely with water and consult to the doctor. Once l dry the product is inofensivo physiological and ecologically. It contains cement, poor in cromato.

## **Technical data:**

From essays made in our laboratory.

# Eurotaff EMC- MSA

## **Relation of mix:**

Aprox. 4 3/4 - 5 1/4 litres of water for 25 kg. Of dust, what corresponds aprox. To 1 vol. Of water : 3 3/4 vol. Of dust.

<b>Density: Aprox.</b>	1,27 kg./l.
<b>Density of the mortar in fresco:</b>	Aprox. 2,0 kg./l.
<b>Thicknesses of layer :</b>	
<b>Consumption of material:</b>	Aprox. 1,65 kg. Dust by m2 and mm
<b>Time of trabajabilidad (+20° C):</b>	Aprox. 1/2 hour.
<b>Sealed of protection. EUROTAFF-COAT:</b>	After the poured of the mortar: Until 10 mm: 1 day Until 30 mm: 3 Days until 50 mm: 7 Days
<b>Resistance to the compression:</b>	After 1 day aprox. 14 N/mm2 After 7 days aprox. 20 N/mm2 After 28 days aprox. 32 N/mm2
<b>Resistance to the flexotracción:</b> N/mm2	After 1 day aprox. 3,8  After 7 days aprox. 5,8 N/mm2 After 28 days aprox. 9,0 N/mm2
<b>Hardness:</b>	After 1 day aprox. 60 N/mm2 After 7 days aprox. 65 N/mm2 After 28 days aprox. 90 N/mm2
<b>Apt furniture with wheels:</b>	Yes.

## **Container:**

Sacks of 25 kg. Net

## **Storage:**

Aprox. 12 months in dry places and in his original container closed.

## **Open time:**

Aprox. 25 minutes (to 20°C)