



1305

TERZIANI S.R.L. - Cave e calcestruzzi S. Alberto  
Sede Legale: 52046 Lucignano (AR) - Via Selve, 47  
Sede Amm.va e Cantiere: 53041 Asciano (SI)

04

1305-CPR-0220

UNI EN 13242:2013



Aggregati per materiali non legati e legati con leganti idraulici per  
l'impiego in opere di ingegneria civile e nella costruzione di strade

DoP

10DoP10

UIC

SOTTOFONDO NORMALE 0/20

VVCP

2+

Geological ID

Formazione del CALCARE MASSICCIO (Lias inferiore)

Quarry ID

Cava S. Alberto - Cod. PRAER 902 I 12

Origin

Naturale

Type

Frantumato

Petrographic  
description

Carbonati 100% (calcite dominante e subordinatamente dolomite)  
CALCARENITE DOLOMITIZZATA  
Definizione tessiturale (Dunham): GRAINSTONE  
Definizione composizionale (Folk): PEL-OO-INTRA-BIO-SPARITE

Particle shape, size	Aggregate sizes d/D	Designation	0/12,5
	Tolerance	Category	G <sub>A</sub> 85 - G <sub>TC</sub> 25
	Flakiness index	Category	NPD
	Shape index	Category	NPD
Clearliness	Fines content	Category	f <sub>25</sub>
	Fines quality - Sand equivalent values (SE <sub>4</sub> )	Category	SE <sub>4</sub> 25
	Fines quality - Methylene blue values (MB 0/2)	Category	MB <sub>A</sub> 5
Crushed and broken surfaces	Percentage of crushed or broken particles	Category	C <sub>100/0</sub>
Resistance to fragmentation	Los Angeles coefficient	Category	NPD
Resistance to attrition	Micro-Deval coefficient	Category	NPD
Volume stability	Components that alter the volume stability of blast furnace and steelworks	Category	NPD
Particle density	Particle density - saturated surface dry (s.s.d.)	Declared value	2,68 Mg/m <sup>3</sup>
Water absorption	Water absorption 24h	Category	WA <sub>24</sub> 1
Freeze-thaw resistance	Water absorption as screening test for freeze-thaw resistance	Category	WA <sub>24</sub> 1 - the aggregate shall be assumed to freeze-thaw resistant
Durability at atmospheric agents	"Sonnenbrand" of basalt	Category	NPD
Chemical requirements	Chlorides	Declared value	0,001%
	Acid-soluble sulfate content	Category	AS <sub>0,2</sub>
	Total sulfur	Category	S <sub>1</sub>
	Content of humic substance	Declared value	The color of the solution is clearer than the reference color
Dangerous substances	Emission of radioactivity	Declared value	No radioactive minerals
	Release of heavy metals	Declared value	Does not exceed the legislative limits (Annex 5, Part 4, 152/2006)
	Release of polyaromatic carbons	Declared value	<10 µg/l
	Release of other dangerous substances	Declared value	Does not exceed the legislative limits (Annex 5, Part 4, 152/2006)